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ABSTRACT

Part of a series of biennial national surveys, this document is the result of an international project undertaken by member governments of the Council of Europe. The volume is a survey of West German educational research projects that were in progress during 1971-1972. The basis of the survey was a questionnaire developed by the Council of Europe. Responses were received from 36 research institutes, covering a total of 169 projects. Projects are listed alphabetically by town where they are located. Data for each include institute and address, project title, aims and procedure, key words, schedule, results, project leader, researchers, commission, and financing. Institutes which promote or finance educational research projects are listed in a separate section. A supplement contains data on projects that arrived late. References to other research documents in West Germany are provided. A subject index, an index of names, and a diagram illustrating the structure of the educational system in West Germany conclude the document. (ND)

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SP 009 119

Numbering within project reports:

1. Institute
2. Title of project
3. Characterization of project

3.1. Aims

3.2. Procedure

3.3. Keywords

4. Starting date, completion date
5. Results
6. Bibliographic references
7. Project leader
8. Names of researchers
9. Commissioned by
10. Financed by

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MAY 0 9 1972

EDUCATIONAL RESEARCH
in the
FEDERAL REPUBLIC OF GERMANY
1971-1972

Contribution to the 3rd Survey on the State of
Educational Research in the Member States of the Council of Europe

4

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Prepared by the Secretariat of the Standing Conference
of Ministers of Education und Cultural Affairs of the Laender
in the Federal Republic of Germany

Bonn 1973

Address:
Sekretariat der Ständigen Konferenz
der Kultusminister der Länder in der Bundesrepublik Deutschland
D-53 Bonn, Nassestraße 8

Contents

	Page
Introduction	I
Other Documentations in the Field of Educational Research in the Federal Republic of Germany	II
Information for Readers	III
Questionnaire used for the Survey	IV

Projects

I Research Institutes:

Aachen	
Institut für Erziehungswissenschaften - Pädagogik I - Rheinisch-Westfälische Hochschule	3
Berlin	
Deutsches Institut für Wirtschaftsforschung Arbeitsgruppe Bildungs- und Arbeitsökonomie	4
Max-Planck-Institut für Bildungsforschung	5
Schulbauinstitut	26
Technische Universität, Fachbereich 2: Gesellschafts- und Planungswissenschaften	38
Darmstadt	
Technische Hochschule, Lehr- und Forschungsgebiet Informationsverarbeitung im Bauwesen	39
Erlangen	
Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit	40
Frankfurt	
Battelle Institut e.V. Gemeinnützige Laboratorien für Vertragsforschung	54
Deutsches Institut für Internationale Pädagogische Forschung	55

H a n n o v e r
Arbeitsgruppe Standortforschung 73
Institut für regionale Bildungsplanung
Technische Universität

Hochschul-Informations-System GmbH (HIS) 76
(mit Außenstellen)

H e i d e l b e r g
Arbeitsgruppe für empirische Bildungsforschung 87

Studiengruppe für Systemforschung e.V. 102

K i e l
Institut für die Pädagogik der Naturwissenschaften 106
an der Universität

K o n s t a n z
Universität Konstanz, Zentrum I 118
Bildungsforschung, Sonderforschungsbereich 23

M a r b u r g
Fachbereich Gesellschaftswissenschaften der 125
Philipps-Universität, Studiengangseinheit
Erziehungswissenschaft

M ü n c h e n
Deutsches Jugendinstitut 126

Institut für Nachrichtentechnik 129
Technische Universität

Institut für Unterrichtsmitschau 130
und didaktische Forschung

Staatsinstitut für Bildungsforschung 134
und Bildungsplanung

Wissenschaftliches Institut für Jugend- und 139
Bildungsfragen in Film und Fernsehen

M ü n s t e r
Deutsches Institut für wissenschaftliche Pädagogik 142

Institut für Erziehungswissenschaft der Universität 146

Psychologisches Institut der Universität, 147
Abteilung für Persönlichkeitsforschung

P a d e r b o r n
Deutsches Institut für Bildung und Wissen 149

Institut für Kybernetik, 151
Gemeinnützige Forschungs- und Entwicklungsgesell-
schaft mbH (in co-operation with other institutes
for cybernetics)

S t u t t g a r t
Institut für Bildungsinhalts- und Lehrmittelforschung an der Berufspädagogischen Hochschule 154

Pädagogische Forschungsstelle beim Bund der freien Waldorfschulen e.V. 155

T ü b i n g e n
Deutsches Institut für Fernstudien an der Universität 156

Zentrum für neue Lernverfahren der Universität 163

U l m
Arbeitsgruppe Didaktische Forschung an der Universität 164

Zentrum innere Medizin und Kinderheilkunde der Universität 165

W a l l e n h o r s t
Dr. D. Höltershinken 166

W i e s b a d e n
Bildungstechnologisches Zentrum (mit Außenstellen) 167

W ü r z b u r g
Lehrstuhl für Schulpädagogik an der Universität 172

II Institutes which Promote or Finance Educational Research Projects: 173

B o n n - Bad Godesberg
Deutsche Forschungsgemeinschaft 175

Deutscher Bildungsrat 177

Supplement

S t u t t g a r t
Institut für Bildungsplanung und Studieninformation 214

Subject Index 221

Index of Names 226

Diagram: Illustration of the Educational System in the Federal Republic of Germany, 1972

Introduction

The following compilation of projects in the field of educational research is the contribution of the Federal Republic of Germany to the 3rd Council of Europe survey on the state of educational research in the Member States. It contains projects completed or in progress in the period of January 1st, 1971 till December 31st, 1972.

The report is based on a survey and has been compiled by the Secretariat of the Standing Conference of Ministers of Education and Cultural Affairs of the Laender in the Federal Republic of Germany. The questionnaire used for the survey is printed on page IV. The reports on the various projects are for the most part based word for word on the information provided by the institutes themselves in their replies to the questionnaire. The presentation of the bibliographic data, punctuation etc. have been unified; it was not possible to check the accuracy of the bibliographic data.

Two problems have become evident in preparing the project reports:

Firstly, in view of the wide-ranging subject-matter of the projects reported, it has been found necessary in a few cases to make a selection, using the criteria worked out by the Council of Europe ad hoc committee for educational research; the institutes taking part in the survey were informed of these criteria, when they were asked to participate in the survey. The special difficulty, however, lies in the fact, that the field of educational research cannot be clearly delimited.

Secondly, the report can lay no claim to completeness. This is partly due to the fact that only some of the institutes approached took part in the survey. To supplement the report references are given on page II on other research documentations in the Federal Republic of Germany which can supply further information.

If this contribution of the Federal Republic of Germany can, despite - or because of - its provisional nature, help to promote the exchange of information and co-operation among scientists on the national and the international level, it will have served a useful purpose.

Other Research Documentations in the Field of Educational Research in the Federal Republic of Germany

The above survey is a contribution to the documentation of educational research projects carried out in 1971 - 1972 in the Federal Republic of Germany. It does not, however, provide an exhaustive survey of the field. Other research documentations furnish further information on sectors and related areas of the field of educational research, a field which allows of no precise definition.

Informationszentrum für sozialwissenschaftliche Forschung (Ed.): Forschungsarbeiten 1971 in den Sozialwissenschaften. Dokumentation. München-Pullach, Berlin 1972 (to be continued)

Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit, Bundesministerium für Arbeit und Sozialordnung (Ed.): Forschungsdokumentation zur Arbeitsmarkt- und Berufsforschung. Auflage 2/1972 (to be continued)

Kschenka, Wilfried, in co-operation with Eiswaldt, Margä & Friedrich, Edelgard (ed.): Dokumentation Forschungsarbeiten Pädagogik, Erziehungswissenschaft, Bildungsforschung 1969/70. In: Pädagogisches Zentrum. Veröffentlichungen. Reihe A:Dokumentation. Band 14. Weinheim-Berlin-Basel 1972 (to be continued)

Acevedo, Jaime & Auer, Wolfgang, Sonderforschungsbereich 63, Hochschulbau, Universität Stuttgart (ed.): Forschungsregister Hochschulplanung. Dokumentation von Forschungs- und Entwicklungsprojekten im Bereich der Hochschulplanung in der Bundesrepublik Deutschland. Stand Juni 1972. Stuttgart 1972 (to be continued)

Deutsche Forschungsgemeinschaft (ed.): Programme und Projekte 1971. In: Jahresbericht 1971. Band 2. Wiesbaden

Deutsche Forschungsgemeinschaft (ed.): Programme und Projekte 1972. In: Jahresbericht 1972. Band 2. Wiesbaden (to be continued)

Stiftung Volkswagenwerk (ed.): Bericht 1971. Göttingen 1972 (to be continued)

Information for Readers

The research projects are arranged under the following aspects:

I Research Institutes

Order of the projects

The projects in this section are arranged in alphabetical order according to

1. Names of towns etc. where institutes or researchers are located
2. Name of institute
3. Name of project leader
4. Names of research-workers on project in alphabetical order
5. Title of project

Arrangement within the individual project reports:

The numbering of the items corresponds to the questionnaire (cf. page IV and folded sheet at end)

II Institutes which Promote or Finance Educational Research Projects

This section of the documentation contains lists of titles arranged alphabetically according to the names of the researchers.

Regarding the researchers and projects presented in the list of the German Research Association the reader is referred to the pages in the first section of the documentation where detailed accounts of the various projects are given.

The list made available by the German Education Council for the survey has been incorporated in the report more or less in its original form. The author references for the various titles are cross-references within the catalogue.

Supplement

The supplement contains data on projects received after the editorial dead-line; these data have been taken into account in preparing the index of key-words and names.

At the end of this publication the reader will find a subject index, an index of names and a diagram illustrating the structure of the educational system in the Federal Republic of Germany.

TRANSLATION

Sekretariat der Ständigen Konferenz
der Kultusminister der Länder
in der Bundesrepublik Deutschland

5300 Bonn
Nassestrasse 11

Questionnaire for an Exchange of Information about Educational Research Projects in the Federal Republic of Germany

(projects completed or in progress in the period of 1.1.1971 - 31.12.1972)

1. Name and Address of the Institute or Stamp

2. Title of the Project or working Title

3. Short Characterization of the Project

3.1. Aims

3.2. Procedure

3.3. Keywords

12

5. Starting Date and Completion Date (Probable Completion of Implementation)

6. Results (Partial and Provisional Results)

7. Bibliographic References on Published Results

8. Project Leader

9. Names of Researchers Engaged

10. Commissioned by

11. Financed by

.....
Signature

.....
Place, Date

I

Research Institutes

for arrangement of projects

cf. p. III

1. Institut für Erziehungswissenschaft
- Pädagogik I -
Rheinisch-Westfälische Technische Hochschule Aachen
(Institute of Educational Science, Teaching Science I,
Rhineland-Westfalia Technical University of Aachen)
5100 Aachen
Sandkaulbach 10 - 12 Tel. (0241) 42 21

2. School achievement(working title)

3. Different aspects of the socialization of boys and girls are to be compared in a longitudinal study

3.1. Contribution to educational planning

3.2. Evaluation of relevant literature and surveys, in particular on the achievement of independence from the parental home

3.3. Socialization of boys and girls, socio-cultural determinants, school success, school failure, conflict of generations

4. April 1972 to summer 1974

5. Preliminary findings: Girls in the "Hauptschule" (main school) are not underprivileged, and make the transition more easily from the concrete to the abstract, feminization of the educational system is determined by structural factors

6. ---

7. Dr. T. Kürthy

8. Student research assistants

9. ---

10. German Research Association

1. Deutsches Institut für Wirtschaftsforschung
Arbeitsgruppe Bildungs- und Arbeitsökonomie
(German Institute of Economic Research
Study group on Educational and Labour Economics)
1000 Berlin 33
Königin-Luise-Str. 5 Tel. (030) 8 29 11

2. Study of the numbers of new entrants to the labour force required in West-Berlin up till 1980

3. Expanded combined supply and demand model

3.1. Investigation of net movements in the labour market, within occupational sectors and in trainee numbers (including those in on-the-job vocational training)

3.2. Model analysis based on a 10% random sample of the potential of the gainfully employed in West-Berlin

3.3. Projections of requirements with regard to economic growth, numbers of persons in different occupations, occupational sectors and in training (including on-the-job vocational training);
remaining and new supply of trained manpower - alternative projections of net movements in the labour market, occupations and occupational sectors based on a modification, by means of a concept of functions, of occupational classifications;
substitution and flexibility analyses

4. 1st May 1971 to 31st May 1973

5. Projection of the new supply of qualified manpower up till 1980

6. Gaulke, K.-P.: Arbeitskräftenachwuchs in West-Berlin. Vorausschau auf das Neuangebot beruflicher Qualifikationen bis zum Jahre 1980. DIW-Beiträge zur Strukturforschung. Heft 19, Berlin 1972

7. ---

8. Prof. A. Hegelheimer
Dr. G. Weißhuhn

9. Senator of Labour and Social Affairs, Berlin

10. Senator of Labour and Social Affairs, Berlin

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Manpower problems of an active education policy
(Framework project, cf. also information on the sub-projects pp. 13, 16, 19, 21)

3. Problems of adjustment between the education and the employment systems. There exist quantitative and qualitative discrepancies in the supply of qualifications - as represented by those who have completed formal/state controlled education - and which cannot be eliminated by changes in the education system alone.

3.1. ---

3.2. This project forms the theoretical frame of reference for a series of subprojects with varying aims and methods: development of detailed hypotheses and categories; evaluation of secondary statistical data; empirical studies

3.3. ---

4. 1968 till 1973

5. The project has various stages in the course of which interim reports and other publications are issued

6. Armbruster,W.: Arbeitskräftebedarfsprognosen als Grundlage der Bildungsplanung. Studien und Berichte des Max-Planck-Instituts für Bildungsforschung, Berlin 1971
Hartung, D. & Nuthmann, R. & Winterhager, W.D.: Politologen im Beruf.Stuttgart 1970
Matthias, P.: Berufssituation von Diplom-Kaufleuten (planned)

7. No project leader, group spokesmen are elected for a term; advisory group, selected according to academic considerations, has been set up within the Institute

8. Dr. Wolfgang Armbruster
Dirk Hartung
Peter Matthias
Reinhard Nuthmann
Claus Oppelt
Gerd Schrick

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Financing models for vocational training and further education

3. Analysis of sponsors of further education with regard to contents and aims as well as to forms of financing. Financing is here conceived as an instrument for directing developments in the sense of the disposal of resources to achieve particular objectives.

3.1. Development of models of the organization and financing of further education aimed at the integration of general and vocational education

3.2. Analysis of literature, exploratory discussions

3.3. ---

4. January 1971 to November 1972

5. Final report was submitted to the Max Planck Institute at the end of November 1972

6. Planned

7. (Collective)
Administrator: Prof. Friedrich Edding

8. Dr. Ullrich Boehm
Gisela Dybowski
Dr. Hedwig Rudolph

9. Commission for Economic and Social Change, Bonn

10. Commission for Economic and Social Change, Bonn

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Problems of the organization and financing of educational research in the Federal Republic of Germany

3. Report for the German Education Council

3.1. ---

3.2. Tabulated evaluation of statistical survey results

3.3. ---

4. The project will run until spring 1973

5. ---

6. Planned publication:
Deutscher Bildungsrat, Gutachten und Studien der Bildungskommission: Planung der Bildungsforschung

7. ---

8. Prof. Friedrich Edding
Dr. Klaus Hüfner

9. Max Planck Institute for Educational Research
German Education Council

10. Max Planck Institute for Educational Research
German Education Council

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. The contribution of the economic sciences to educational research

3. Report for the German Education Council

3.1. ---

3.2. ---

3.3. ---

4. The project will run until spring 1973

5. ---

6. Planned publication:
Deutscher Bildungsrat, Gutachten und Studien der Bildungskommission: Planung der Bildungsforschung

7. ---

8. Prof. Friedrich Edding
Dr. Klaus Hüfner

9. Max Planck Institute for Educational Research
German Education Council

10. Max Planck Institute for Educational Research
German Education Council

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Teaching strategies of "Gymnasiallehrern" (grammar school teachers)
(subproject of the School Achievement Project, cf. p.10)

3. Empirical investigation into teaching objectives and the structure of the behaviour of grammar school teachers (teaching strategies) in the subjects German, English and mathematics. Geographical area: Federal Republic of Germany and West-Berlin

3.1. ---

3.2. Basic theoretical work and complex statistical analysis

3.3. ---

4. Beginning of 1968 to mid 1973

5. ---

6. ---

7. ---

8. Dr. Wolfgang Edelstein
Prof. Diether Hopf

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. The school achievement project (cf. subproject p.9)

3. Analysis of the development of various aspects of success and failure in pupils of the "Gymnasium" (grammar school). The following will be examined as criteria of success: learning results in the subjects German, English, and mathematics at the beginning and the end of the school year; school marks; decisions for moving up to the next grade; motivation; fear and interest. The following will be examined as conditions of success: teacher characteristics (e.g. teaching strategies, attitudes), pupil characteristics (e.g. learning motivation, interests) and characteristics of the school and class.

3.1. ---

3.2. Basic theoretical work and complex statistical analysis

4. January 1965 till approx. 1974

5. ---

6. Edelstein & Sang & Stegelmann: Unterrichtsstoffe und ihre Verwendung in der 7. Klasse der Gymnasien in der BRD (Teil I). In: Studien und Berichte des Max-Planck-Instituts für Bildungsforschung. Berlin 1968
Zeiher, H.-J.: Unterrichtsstoffe und ihre Verwendung in der 7. Klasse der Gymnasien in der BRD (Teil II). In: Studien und Berichte des Max-Planck-Instituts für Bildungsforschung. Berlin 1972
Edelstein: Das "Projekt Schulleistung" im Institut für Bildungsforschung in der Max-Planck-Gesellschaft. In: Zeitschrift für Pädagogik. 16. Jahrgang, 1970, Nr. 4.
Zeiher, H.: Schule und Unterricht in der Sicht der Gymnasiallehrer (provisional title). Stuttgart (in the press)

7. The team of full-time research-workers is responsible for the project

8. Dr. W. Edelstein
G. Meischner
F. Sang
W. Stegelmann
Hartmut Zeiher
Helga Zeiher

Part time:
Prof. Mario v. Cranach
Prof. D. Hopf
Prof. H.L. Freese

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Study of the training of "Gymnasium" teachers
(grammar school teachers)

3. a) Description of conditions of training during university courses and the probationary period
b) "Innovative" types of behaviour in teachers during their probationary period, professional motivation and satisfaction
c) Association between a + b

3.1. ---

3.2. Phased project design: a) Intensive preliminary interviews
b) Comprehensive postal survey of educators
c) Written survey

3.3. ---

4. Summer 1966 to end of 1973

5. Evaluation of the survey results

6. Planned

7. Alternating: project spokesman

8. Hartmut-W. Frech
Karl-Heinz Hebel
Rainer Guski
Dr. Roland Reichwein

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. "Ingenieurschulen" and "Akademien" (schools and colleges of engineering) in the Federal Republic of Germany. Present position and reforms in progress

3. ---

3.1. Description and assessment of reforms in the higher technical college sector

3.2. Analysis of secondary statistics

4. March 1968 to 1971

5. Preliminary report, title as above (Position: September 1968)

6. In print: Von den Ingenieurschulen zu den Fachhochschulen. Schritte zur Reform der Ingenieurausbildung (Gutachten und Studien der Bildungskommission). Stuttgart

7. Prof. Dietrich Goldschmidt

8. Prof. Dietrich Goldschmidt
Sibylle Hübner

9. Max Planck Institute for Educational Research
German Education Council

10. Max Planck Institute for Educational Research
German Education Council

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Processes of introduction to employment (job familiarization) of graduates of institutions of higher education. (Thesis, part of the project "Manpower problems of an active education policy", cf. p. 5)

3. Identification of methods used by the institutions involved to adjust the supply of and the demand for qualifications

3.1. ---

3.2. Problem analysis (written survey of job familiarization in the biggest business enterprises); more intensive follow-up survey using special procedures; the survey will cover 300 of the biggest business enterprises according to turnover; analysis of existing job familiarization programmes

4. January 1972 to end of 1973

5. ---

6. ---

7. ---

8. Dirk Hartung

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Investigations of the careers, the education, the democratic engagement in relation to the business enterprise and personality characteristics of former apprentices in industry (framework project)

3. Determination of associations between career (parental home, school, apprenticeship, further training, mobility, present employment), some personality characteristics (in particular I.Q., achievement motivation, rigidity and dogmatism) and job-satisfaction as well as attitudes to current occupational and social problems

3.1. ---

3.2. Based on data from West-Berlin and the Federal Republic of Germany 1954/55 - 1969. Those taking part in the investigation were former apprentices who passed their final examinations as fitters in 1959 at the Berlin Chamber of Industry and Commerce. Complex statistical analysis. Statistics from public authorities, chambers of industry and commerce and industrial associations were also used.

3.3. ---

4. July 1967 to June 1973

5. Theses and dissertations will be published in the course of the project

6. Oppelt, C. & Schrick, G. & Bremmer, A.: Gelernte Maschinenschlosser im industriellen Produktionsprozess. Determinanten beruflicher Autonomie an Arbeitsplätzen von Facharbeitern und Technischen Angestellten in der Westberliner Industrie. Max-Planck-Institut für Bildungsforschung, Studien und Berichte 25, Berlin 1972

7. Prof. Wolfgang Lempert

8. Ulrich Bamberg
Armin Bremmer
Prof. Wolfgang Lempert
Detlef Oesterreich
Claus Oppelt
Gerd Schrick
Dr. Wilke Thomssen

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

(in particular I.Q., achievement motivation, rigidity and dogmatism) and job-satisfaction as well as attitudes to current occupational and social problems

3.1. ---

3.2. Based on data from West-Berlin and the Federal Republic of Germany 1954/55 - 1969. Those taking part in the investigation were former apprentices who passed their final examinations as fitters in 1959 at the Berlin Chamber of Industry and Commerce. Complex statistical analysis. Statistics from public authorities, chambers of industry and commerce and industrial associations were also used.

3.3. ---

4. July 1967 to June 1973

5. Theses and dissertations will be published in the course of the project

6. Oppelt, C. & Schrick, G. & Bremmer, A.: Gelernte Maschinenschlosser im industriellen Produktionsprozess. Determinanten beruflicher Autonomie an Arbeitsplätzen von Facharbeitern und Technischen Angestellten in der Westberliner Industrie. Max-Planck-Institut für Bildungsforschung, Studien und Berichte 25, Berlin 1972

7. Prof. Wolfgang Lempert

8. Ulrich Bamberg
Armin Bremmer
Prof. Wolfgang Lempert
Detlef Oesterreich
Claus Oppelt
Gerd Schrick
Dr. Wilke Thomssen

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Further training and industrial employment

3. The investigation is based on the assumption that there is an increasing lack of training opportunities in the occupational sphere.

3.1. This trend and the significance of further training for personnel policy in business enterprises and for the careers of employees are to be examined.

3.2. Basic theoretical work, combined with empirical studies (interviews with the persons responsible for personnel decisions in 10 industrial enterprises); use of official labour market and industrial statistics

4. January 1972 to June 1975

5. The project design is available as an unpublished manuscript of the Max Planck Institute for Educational Research

6. ---

7. ---

8. Gero Lenhardt
Dr. Enno Schmitz

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Determinants of the professional employment of highly qualified manpower: The occupational situation of business studies graduates (Thesis, part of the project "Manpower problems of an active educational policy", cf. p.5)

3. Absorption and utilization of highly qualified manpower in the employment system

3.1. Analysis of the determinants of
a) position obtained
b) professional success (position in hierarchy, income)
c) level of job
University-trained personnel as potential initiators of social and political changes

3.2. Complex statistical analysis based on written questionnaires sent to graduates of courses in business studies who sat their final examinations in the summer semester 1964 and the winter semester 1968/69 at 4 universities in the Federal Republic of Germany and West-Berlin

4. June 1969 to August 1972

5. Comprehensive final report submitted as a thesis to the Technical University of Berlin

6. Planned

7. ---

8. Peter Matthias

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Educational research thesaurus
Index of descriptors and non-descriptors in the literature documentation of the Max Planck Institute for Educational Research

3. ---

3.1. Development of an instrument for precise, differentiated and standardized formulation, storage and retrieval of information from literary sources

3.2. Interdisciplinary, systematically controlled index of keywords

3.3. ---

4. 1968 to 1972

5. ---

6. Guhde, E. & Hegelheimer B. & Rick M. & Voswinkel, E., coordination Neuhaus,R.: Thesaurus Bildungsforschung. Verzeichnis der Deskriptoren und Nichtdeskriptoren in der Literaturdokumentation des Max-Planck-Instituts für Bildungsforschung. München-Pullach 1972

7. Coordination: Dr. R. Neuhaus

8. Edgar Guhde
Barbara Hegelheimer
Matthias Rick
Elke Voswinkel

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Theoretical social prerequisites and alternatives of vocationally-oriented political education in the universities

3. ---

3.1. Analysis of current positions in social theory; studies concerning the class situation and social consciousness of the professional intelligentsia in highly industrialized societies

3.2. Development of heuristic model for the theoretical and empirical study of the formation of social consciousness in the professional intelligentsia

3.3. ---

4. February 1971 to February 1972 financed by the researcher
March 1972 to October 1973 financed from funds of the Max Planck Institute for Educational Research

5. Exposition on the above-mentioned theme, February 1971 (unpublished), and 2 publications on subjects related to the theme

6. Nitsch, W. in association with Keller,W. & Dörner,K. & Hüfner,K. & Kleemann,S.: Die soziale Dynamik akademischer Institutionen. Trend Report zur sozialwiss. Hochschulforschung. Weinheim (in the press)
Nitsch,W.: Zur Struktur der Bremer "Reformuniversität". Universitätsverfassung, wissenschaftliche Gliederung und Studienreform. In: TUB,Zeitschrift der Technischen Universität Berlin 1, 1972, pp. 1 - 36

7. ---

8. Wolfgang Nitsch

9. Max Planck Institute for Educational Research

10. Since March 1972 financed by the Max Planck Institute for Educational Research
previously financed by the researcher referred to in 8. above

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Reactions of the employment system to the expansion of the education system. Analysis of the effects of the (quantitative) expansion in the supply of highly qualified manpower (Thesis, part of the project "Manpower problems of an active education policy", cf. p. 5)

3. Specific topics for investigation: Size and structure of the output of the higher education system ("Fachhochschule" and "Hochschule"). Absorption of the output (later careers) in the employment system; analysis of the differences in the utilization of qualifications and of differences of status

3.1. Problem analysis, elaboration of categories and hypotheses using secondary statistical data and, if feasible, preparation of an empirical investigation

3.2. Material: statistics of the Federal Statistical Office, the Federal Institution for Labour, individual federal ministries and available data on business enterprises

3.3. ---

4. June 1972 to December 1973

5. ---

6. ---

7. ---

8. Reinhard Nuthmann

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. The parental home and school

3. Effects of social background, family attitude and social interaction within the family on the emotional and cognitive development of children. In particular, analysis of verbal behaviour and styles of communication. The investigation will cover parents with 4-6-years-old children, parents with problem children and children in various age-groups

3.1. ---

3.2. Basic theoretical work based on different kinds of empirical investigations

3.3. ---

4. 1968 to 1978

5. The project design as well as working reports on sociolinguistic experiments are available (unpublished)

6. Oevermann,U.: Family role structure and its implications for cognitive development of children. In: Matthijssen,M. (ed.): Report of the European Seminar for the Sociology of Education. Den Haag 1968
Further publications planned

7. Prof. Ulrich Oevermann

8. Dr. Lothar Krappmann
Dr. Kurt Kreppner
Prof. Ulrich Oevermann

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Engineers in the employment system. (Thesis, part of the project "Manpower problems of an active education policy", cf. p. 5)

3. Determinants of the employment of engineers ("Dipl.-Ing." and "Ing.-grad."): the difference in training corresponds to a segregation in the professional roles. The extent of this segregation is determined by the general conditions of the enterprise, in particular its supply situation, method of manufacture and goal-orientation.

3.1. Empirical pilot study: Micro-analysis of the professional role of engineers. The aim is the precise formulation of hypotheses concerning the relevance of educational processes to actual employment

3.2. Interviews with engineers, survey of firms in the constructional engineering industry

3.3. ---

4. September 1971 to September 1973

5. ---

6. ---

7. ---

8. Claus Oppelt

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Constitutional law relating to education

3. Studies of constitutional changes

3.1. ---

3.2. Basic work on constitutional theory

3.3. ---

4. November 1969 to October 1972

5. ---

6. Publication planned

7. ---

8. Dr. Ingo Richter

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research

1. Max-Planck-Institut für Bildungsforschung
(Max Planck Institute for Educational Research)
1000 Berlin 31
Bliesestr. 2 Tel. (030) 821 8021

2. Framework project: Curriculum study (since 1966)
Substudy: Situation analysis as the basis for the determination of curriculum objectives (since 1969)

3. General approach: Development of procedures to make curriculum decisions more objective and rational

3.1. Component study: Procedures and results of the legitimation of qualifications: application of mathematic skills in the economic sector

3.2. Determination of curriculum requirements (in this instance: in the teaching of mathematics) by means of analysing situations for which school education is designed to prepare pupils. Selection of appropriate curriculum elements providing such preparation - in each case combined with empirical and hermeneutical methods. Interviews, use of specialized literature on mathematics, economics, business studies, sociology, educational science and curriculum theory. Collaboration with the Faculty of Mathematics of the University of Bielefeld

3.3. ---

4. 1966 (for the component study 1969) to 1972

5. For the component study: publication of the results is in preparation

6. Damerow,P.& Keitel,Chr. & Sack, L.: Zur Revision des Curriculum der Schulmathematik in der Bundesrepublik. In: Bildung und Erziehung. 24.Jg, Heft 5,1971,pp.390-400
Elbers,D.: Curriculumentwicklung in den USA. In:betrifft: Erziehung.4.Jg., Heft 1,pp.22 - 27
By the same author: Die Diskussion über Curriculumentwicklung in den USA. In: Bildung und Erziehung, 24.Jg, Heft 5, 1971, pp. 443 - 452
Knab,D.: Ansätze zur Curriculumreform in der BRD. In: betrifft: Erziehung.4.Jg., Heft 2,1971,pp.15-28
By the same author: Lehrplan, Curriculum.In: Willmann-Institut München-Wien (ed.): Lexikon der Pädagogik Bd.III, Freiburg-Basel-Wien 1971, pp. 71 - 73
By the same author: Curriculumforschung. In: Groothoff, H.H.& Stellmann,M. (ed.):Pädagogisches Lexikon.Stuttgart 1971
Robinsohn,S.B.: Zur gegenwärtigen Curriculumdiskussion In: Bildung und Erziehung. 24.Jg, Heft 5,1971
Zimmer,J.: Überlegungen zur Legitimierung und Entwicklung vorschulischer Curricula in der Bundesrepublik. In: Bildung und Erziehung. 24.Jg, Heft 5, 1971, pp.360-365

7. Prof. Saul B. Robinsohn (ob. 1972)
Prof.Grotemeyer
Responsible for collaboration with the Faculty of Mathematics at the University of Bielefeld: Dr. D.Knab

8. Peter Damerow
Ulla Elwitz
Christine Keitel
Jürgen Zimmer

9. Max Planck Institute for Educational Research

10. Max Planck Institute for Educational Research
Volkswagenwerk Foundation

1. Deutsche und schwedische Kommission zur Untersuchung von Fragen der Mitwirkung in Schule und Hochschule in der BRD und in Schweden
Deutsches Büro im MPI für Bildungsforschung
(German-Swedish Commission for the Study of Participation in Schools and Universities in the Federal Republic of Germany and Sweden, German Office in the Max Planck Institute for Educational Research)
1000 Berlin 31
Blissestr. 2 Tel. (030) 821 8021

2. Questions of participation in schools and universities in the Federal Republic of Germany and Sweden (report)

3. Study and description of the present situation and developments in Sweden and the Federal Republic of Germany

3.1. Elaboration of recommendations based on the information obtained in the course of the project

3.2. Exploratory discussions (sample enquiry)
Material: literature, statistics and material from official sources

4. Spring 1971 to summer 1973

5. 6 reports (typed) are available
The Commission's report will be published in 1973

6. Publication planned

7. Prof. Dietrich Goldschmidt

8. Prof. Dietrich Goldschmidt
Dr. Wolfgang Günther
Ekhardt Meyer-Rutz
Dr. Matthias Schütz

9. German-Swedish Commission

10. Federal Ministry of Education and Science

Additional projects in the field of educational research carried out in 1971/72 at the Max Planck Institute for Educational Research (theses, surveys etc.)

1. Dr. Masahuro Amano: On the development and nature of university reform in the Federal Republic of Germany (Alexander von Humboldt Foundation scholarship-holder)
2. Dr. Jürgen Baumert: Survey of the discussion on the teacher training curriculum in the Federal Republic of Germany and the USA
3. Christof Conrad: Quantitative survey of qualitative aspects of school systems: comparison of educational indicators: Hamburg - West-Berlin (thesis)
4. Peter Damerow: The significance of structural mathematics for the use of mathematical methods in the social sciences (thesis)
5. Reinhard Franzke: Project - the teaching of vocational subjects (thesis)
6. Barbara Hegelheimer: Documentation on the vocational training of women
7. Michael Jenne: Ideologies in the teaching of music at German schools. A sociological analysis of the music curricula at schools of general education in the Federal Republic of Germany (thesis)
8. Christine Keitel: On the problem of learning objectives. An analysis of school mathematics projects (thesis)
9. Jürgen Kunze: The financing of internal reforms and the economic structure: the example of educational reform (thesis)
10. Jens Naumann: Teaching aids - educational technology - curriculum research (thesis)
11. Helga Nitsch-Berg: Children's play between the stages of instinctive behaviour and socialization: the educational relevance of the contributions of psycho-analysis and Piaget's theory of development to the meaning of play in the early development of children (thesis)
12. Dr. Ulrich K. Preuss: The university and the system of social dominance and control (interrupted)
13. Jürgen Raschert: The rationalization of educational policy decisions: the example of the comprehensive school (thesis)
14. Peter Sievert: Basic characteristics of cost accounting for schools (thesis)
15. Ulrich Teichler: Development trends in the Japanese university system (thesis)
16. Helga Zeiher: School and teaching from the viewpoint of the grammar school teacher (thesis)

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Planning criteria

3. Drawing up of practical guidelines for the review of school building plans;
revision and supplementation of the LAG list of criteria

3.1. Planning aids for authorities responsible for awarding contracts or reviewing planning

3.2. ---

3.3. ---

4. 1972 to 1973

5. Comparison of the user value method of analysis in 6 competitions

6. Zimmermann, O.L.: Die Nutzwertanalyse bei Schulbauwettbewerben. In: Schulbau-Information 14. Berlin, Schulbauinstitut 1972

7. School Building Institute

8. School Building Institute personnel

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Foundations of space programmes

3. An investigation into space requirements per pupil with reference to the new concepts of teaching and organization: these data will form the basic component of space planning programmes
a) "Eingangsstufe" (primary education, entrance level)
for the German Education Council at the request of the Standing Conference of the Ministers of Education and Cultural Affairs
b) "Trimarbereich" (Primary education)

3.1. Establishment of uniform spatial units for space planning programmes

3.2. ---

3.3. ---

4. 1972 to 1973

5. Study on primary education (in print)

6. Sandvoss, Ilse-Marie (ed.): Materialien zum Flächenbedarf in Grundschulen. In: Studien 18. Schriften des Schulbauinstituts, Heft 45. Berlin 1973

7. School Building Institute

8. School Building Institute personnel

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Methods of regional school development planning

3. A concept of methods as a comprehensive description of the stages involved in school development planning

3.1. Guidelines for the development of comparable plans and preparation of a recommendation of the Standing Conference of the Ministers of Education and Cultural Affairs

3.2. ---

3.3. ---

4. 1971 to 1972

5. Account of the problem in manuscript form, with planning guidelines and schedule

6. ---

7. School Building Institute

8. Research-team of the Arbeitsgruppe Standortforschung (Institute of Urban and Regional Educational Planning), Hannover

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Investigations into sound insulation by means of dividing walls in teaching areas

3. Investigations into the sound insulating properties of movable and non-supporting dividing walls in ten schools

3.1. Determination of the actual sound insulation properties required of dividing walls;
establishment of minimum standards of sound insulation

3.2. ---

3.3. ---

4. 1972 to 1973

5. Questionnaire to assess the psychological sensibility to noise in class-rooms

6. ---

7. School Building Institute

8. Prof. Gösele, Stuttgart
Prof. Amelang, Hamburg
Herr Klein, Stuttgart

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Costs of new schools

3. Investigation into the cost-effects of new educational concepts and organizational forms with regard to technical construction aspects

3.1. Information on investment costs for new types of school buildings

3.2. ---

3.3. ---

4. 1972 to 1974

5. Methodological proposal for relating costs to spatial units and assessment based on 2 schools

6. ---

7. School Building Institute

8. IWB, Freiburg
Hoffmeister, Freiburg

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Furnishings for the "Elementarbereich" (elementary sector, pre-primary education)

3. Supplementation of the basic sizes of desks and chairs for young children in general instruction (hitherto no survey on the heights of young children)
a) Preliminary survey: investigation into the special environmental and working conditions of children in pre-school education
b) Anthropometrical and ergonomical studies of pre-school children in the Federal Republic of Germany

3.1. Preparation of tables of measurements and a draft of proposed DIN standards

3.2. ---

3.3. ---

4. For a) 1972
For b) 1973 to 1974

5. Interim report on furniture requirements in the pre-school sector

6. ---

7. School Building Institute

8. Prof. Jürgens, Kiel

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Recurrent costs in schools

3. Working out of recurrent cost bases and carrying out of an information survey on schools:
a) Preliminary study to define the methodological treatment
b) Examination of cleaning and power supply costs
c) Examination of maintenance costs

3.1. The school sponsor should be able to estimate the proportions of the whole recurrent costs complex

3.2. ---

3.3. ---

4. For a) 1971
For b) 1972
For c) 1973 to 1974

5. a) Introductory study of recurrent costs using accounting methods
b) In manuscript form: study of cleaning and power supply costs at 20 schools

6. Projectconsult (ed.): Folgekosten im Schulbau.
In: Studien 15, Schriften des Schulbauinstituts Heft 42.
Berlin 1972

7. School Building Institute

8. Projectconsult, Gummersbach

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Studies of the medical-optical and lighting standards in school building

3. Studies of the daylight requirements and light fittings in respect of school building

3.1. Working out of basic criteria to assess the lighting requirements in schools

3.2. ---

3.3. ---

4. 1972 to 1974

5. Compilation and detailed evaluation of standards, guidelines and literature in the Federal Republic of Germany and abroad; preliminary studies and measurements in 14 schools; report on the development of an instrument for measuring light intensity (visibilymeter)

6. Sozialpädiatrische, medizinisch-optische, beleuchtungstechnische, akustische Anforderungen an den Schulbau
... Schulbau
Stellungnahmen
Berlin, Schulbauinstitut 1972, Manuskript
(no precise data given)

7. School Building Institute

8. Prof. Schober, München
Herr Dickel, Stuttgart

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Carpeting in schools

3. Investigation of the possible uses of carpeting in schools
a) Hygiene report on the suitability of carpeting in schools
b) Supplementation of a), requirements, choice and financial aspects

3.1. Provision of advice and information to building authorities and planners

3.2. ---

3.3. ---

4. For a) 1971
For b) 1972

5. a) Summary of a hygiene report
b) Study of carpeting in schools (in print)

6. Teppichböden in Schulen. Studien 19. Schriften des Schulbauinstituts Heft 46. Berlin 1972

7. School Building Institute

8. For a) Dr. Steuer, Stuttgart
For b) Reploh and Enzenauer, Münster
Seidler, Darmstadt

9. School Building Institute

10. School Building Institute

1. — Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17.Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Functional control

3. Qualitative and quantitative study of new school buildings with reference to the influence of architectural features on the educational process; development of measurement techniques and testing procedures

3.1. Basis for the planning of future schools

3.2. ---

3.3. ---

4. 1971 to 1972

5. Questionnaires (measurement technique) and a preliminary investigation of 6 schools

6. ---

7. School Building Institute

8. Prof. Tausch, Hamburg
IfS, Stuttgart

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Cost planning

3. Elaboration of an effective cost planning method for school building with special reference to foreign experience and international codification principles
a) Break-down of costs by functional elements based on experience in England
b) Accompanying cost planning at "Mittelstufenzentren" (intermediate stage centres) in Berlin
c) Re-formulation of accounts according to a function-related break-down system. Account of function-related cost planning
d) Classification and measurement regulations for functional and building elements according to the study group's proposal for the break-down of costs; LAG standard values

3.1. Working out of practice-oriented instructions for this procedure

3.2. ---

3.3. ---

4. For a) 1971
For b) 1972
For c) 1972
For d) 1973

5. a) Proposal on break-down by functional elements
b) Report including cost analyses
c) Examples of re-formulation with assessments

6. Tillyard AG (ed.): Kostengliederung nach Funktionselementen. Provisional version in manuscript form. Berlin, Schulbauinstitut 1972

7. School Building Institute

8. For a) + b) Tillyard AG, Zürich
For c) Tillyard AG, Zürich
Hundertmark und Grünberg, Berlin
For d) N.N.

9. School Building Institute

10. School Building Institute

1. Schulbauinstitut
(School Building Institute)
1000 Berlin 12
Strasse des 17. Juni 112
(Ernst-Reuter-Haus) Tel. (030) 34 04 01

2. Safety regulations in school building

3. Work on uniform guidelines for accident prevention in schools in the Federal Republic of Germany (in association with other study groups)

3.1. Uniform safety regulations for the building planner which are to be incorporated into the Laender school building guidelines

3.2. Collaboration with other study groups

3.3. ---

4. 1972 to 1974

5. Classification proposals and first drafts (preliminary results)

6. Klose, S. & Pankrath, R.: Sicherheitsbestimmungen und Schulbauplanung. Studien 16, Schriften des Schulbauinstituts Heft 43. Berlin 1972

7. School Building Institute

8. Special study group "Accident Prevention in Building Planning" of the federal study group of communal accident insurance institutions and members of the School Building Institute

9. School Building Institute

10. School Building Institute

1. Technische Universität Berlin
Fachbereich 2: Gesellschafts- und Planungswissenschaften
(Technical University of Berlin
Sector 2: Social and Planning Sciences)
1000 Berlin 12
Strasse des 17. Juni 135 Tel. (030) 31 41

2. Problems and practical possibilities of the qualitative regulation of the labour market

3. This project is based on the assumption that the structural models of the labour market at present available do not constitute an adequate basis for formulating labour market policy. As a rule extrapolations show what the quantitative structures of the labour market will be in the long term, if promotional or restrictive labour market policy measures now being applied are retained. They cannot, however, provide an adequate answer to questions of the problems and possibilities involved in the qualitative regulation of the labour market.

3.1. The aim of the study is therefore to show what measures can be taken and what practical possibilities there are in the field of labour market policy to influence the supply of and the demand for labour. Whereas labour market research has, until now, concentrated on quantitative approaches, the focus of this study will be on the survey of qualitative factors.

3.2. ---

3.3. ---

4. 1971 to 1973

5. ---

6. ---

7. Prof. Armin Hegelheimer

8. Prof. Armin Hegelheimer

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Technische Hochschule Darmstadt
Lehr- und Forschungsgebiet
Informationsverarbeitung im Bauwesen
(Technical University of Darmstadt
Department of Information Processing in
the Construction Industry)
6100 Darmstadt
Hochschulstrasse Tel. (06151) 16 34 44

2. Survey and analysis of methods used in professional practice in the construction industry - a contribution to university teaching with regard to the training of engineers and architects

3. ---

3.1. Investigation of job requirements with regard to engineers and architects employed in organizations of the construction industry

3.2. Empirical survey and theoretical description of organizations in the construction industry and their work processes

3.3. Occupational sector research, profiles of requirements for the training of engineers, methods in professional practice

4. January 1973 to December 1975

5. ---

6. ---

7. Prof. Heinz Schwarz

8. J. Braun
H.-P. Ekardt
R. Kulick
U. Müller
E. Schmid

9. ---

10. German Research Association

1. Institut für Arbeitsmarkt- und Berufsforschung
der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 330 91

2. Analysis of job vacancies

3. Determination of the range of alternative types of training required by employers in job vacancies published in national daily newspapers (level of training, field of training); determination of the posts with alternative types of training or no specific qualifications

3.1. Testing of a newly developed model

3.2. ---

3.3. ---

4. 1970 to 1973

5. ---

6. Chaberny & Fenger & Kaiser: Substitutionshinweise in Stellenangeboten. In: Mitteilungen aus der Arbeitsmarkt- und Berufsforschung. Heft 1, 1971

7. ---

8. Annelore Chaberny
Dr. Herbert Fenger
Manfred Kaiser

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Handbook on employment opportunities for specific types of training and professional experience (ABC handbook)

3. Provision of information on factors and trends relevant to employment, classified according to a number of occupational definitions, particular types of training and economic sectors

3.1. ---

3.2. ---

3.3. ---

4. 1970 to 1973

5. ---

6. ---

7. Dr.Herbert Fenger

8. Annelore Chaberny
Herbert Fenger
Karen Gottwald
Klaus Parmentier

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Forecasts of graduate numbers in the Federal Republic of Germany

3. Evaluation of estimates made by other institutions

3.1. Documentation and critical appraisal

3.2. ---

3.3. ---

4. Project running since 1969

5. ---

6. Publications available

7. ---

8. Volkmar Gottsleben
Helmut Müller
Manfred Tessaring

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Study of training combinations and the relation between training and occupation

3. What occupations are based on a particular training? What training do people in a particular occupation have? (Analysis of data from the supplementary survey to the micro-census of 1964)

3.1. ---

3.2. ---

3.3. ---

4. 1969 to 1972

5. ---

6. Hofbauer, Hans & Kraft, Hermine & Thiem, Hermann: Über Ausbildungskombinationen und den Zusammenhang zwischen Ausbildung und Beruf. Teil 1. In: Mitteilungen aus der Arbeitsmarkt- und Berufsforschung. Heft 2, 1970
Hofbauer, Hans & Dadzio, Werner & König, Paul: Über den Zusammenhang zwischen Ausbildung und Beruf. Teil 2. In: Mitteilungen aus der Arbeitsmarkt- und Berufsforschung. Heft 4, 1970

7. Dr. Hans Hofbauer

8. Dr. Hans Hofbauer

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Occupational histories of gainfully employed males

3. Vocational training and changes of occupation (comparison of employment in 1955, 1965 and 1970)
Job requirements

3.1. ---

3.2. ---

3.3. ---

4. 1969 to 1973

5. ---

6. Brinkmann, Christian: Arbeitsmarktpolitik und Mobilität landwirtschaftlicher Arbeitnehmer. In: Schriftenreihe der Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaus. Band 9, München 1972
Brinkmann, Christian & Gottwald, Karen & Schuster, Lothar: Die berufliche Fortbildung männlicher Erwerbspersonen. Teil 1 und 2 (Fortbildung, Arbeitssituation und Mobilität). In: Mitteilungen aus der Arbeitsmarkt- und Berufsforschung. Hefte 1 und 2, 1972, pp. 95 - 130 and pp. 1 - 30
Hofbauer, Hans & König, Paul: Substitutionspotentiale bei Ausbildungsberufen (Lehrberufen) nach dem Urteil der Vorgesetzten. In: Mitteilungen aus der Arbeitsmarkt- und Berufsforschung. Heft 2, 1972, pp. 77-94
Hofbauer, Hans & Kraft, Hermine: Materialien zur Statusmobilität bei männlichen Erwerbspersonen in der Bundesrepublik Deutschland. In: Mitteilungen aus der Arbeitsmarkt- und Berufsforschung. Heft 3,1972
Mollwo, Ingrid: Berufliche Möglichkeiten für Frauen. In: Materialien aus der Arbeitsmarkt- und Berufsforschung. Heft 3, 1972

7. Dr. Hans Hofbauer

8. Christian Brinkmann
Dr. Hans Hofbauer
Lothar Schuster

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
(Institute of Employment of the Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Study of the occupational histories of women

3. Training and occupational histories of women

3.1. ---

3.2. ---

3.3. ---

4. 1971 to 1974

5. ---

6. Hofbauer, Hans: Potentielle Berufsbilder für Frauen. In: Mitteilungen aus der Arbeitsmarkt- und Berufsforschung. Heft 3, 1971
Mollwo, Ingrid: Berufliche Möglichkeiten für Frauen. In: Materialien aus der Arbeitsmarkt- und Berufsforschung. Heft 13, 1972

7. Dr. Hans Hofbauer

8. Dr. Hans Hofbauer
Ingrid Mollwo

9. Institute of Employment of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
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8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. The distribution and the changes in distribution of the gainfully employed population according to economic and occupational sectors in 1950, 1961 and 1970

3. The 1970 census has provided further information on the distribution of occupations over the various economic sectors. Thus the most recent position and the trend since 1960 can be analysed.

3.1. In addition to the preparation of simple tables showing the absolute and relative numbers employed in different sectors, an evaluation is envisaged which will, using standardized indices, allow comparisons and correlations
1. between occupations and economic sectors in each year
2. between numbers of people employed in one occupation or one economic sector at various points in time

3.2. ---

3.3. ---

4. 1971 to 1973

5. Cross-tabulations, standardized indices of correlations, concentration etc.

6. ---

7. ---

8. Dr. Werner Karr
Rudolf Leupoldt

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung
der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal
Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Age-specific school attendance and school-leaving quotas

3. Determination of the numbers of pupils and students in the whole education system, broken down according to sex and type of school attended and since 1960 by age-group. Determination of the trend in the numbers of pupils and students as a proportion of the whole age-group

3.1. ---

3.2. ---

3.3. ---

4. Project running since 1969

5. ---

6. ---

7. Dr. Wolfgang Klauder

8. Volkmar Gottsleben
Dr. Wolfgang Klauder
Manfred Tessaring

9. Institute of Employment Research of the Federal
Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung
der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Long-term projection of the labour supply according to economic sectors

3. Disaggregation in 40 to 50 economic sectors

3.1. ---

3.2. ---

3.3. ---

4. Beginning 1970, date of completion not known

5. ---

6. ---

7. Dr. Wolfgang Klauder

8. Dr. Wolfgang Klauder
Peter Schnur

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung
der Bundesanstalt für Arbeit
(Institute of Employment Research of the
Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Alternative estimates of the quantitative effect of various educational plans on the labour supply

3. Study of the educational policy concepts of the Wissenschaftsrat (Science Council), Bildungsrat (Education Council), Bund-Länder-Kommission (Federal and Laender Commission) and the Bundesministerium für Bildung und Wissenschaft (Federal Ministry of Education and Science) in terms of their quantitative effects on the labour supply. Analysis of past trends in pupil and student numbers and numbers of persons gainfully employed in the various age-groups, projection expressed in terms of their quantitative effects

3.1. ---

3.2. ---

3.3. ---

4. May 1971 to 1973

5. ---

6. ---

7. Gerhard Kühlewind

8. Gerhard Kühlewind
Manfred Tessaring

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)
8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Detailed analysis of occupational statistics

3. Detailed analysis of the situation in particular occupations or occupational categories as orientation aids for the offices of the Federal Institute of Labour

3.1. Analysis of trends in approximately 150 occupations or occupational categories. - Criteria for classification:
1. Proportionate position within the occupational category
2. Numbers of persons employed, regional distribution, proportion of women and self-employed
3. Distribution by economic sectors
4. Distribution by age
5. Level of training
6. Training of young people
7. Summary
If appropriate also
8. Structure of enterprises and labour force in industry and craft trades etc.

3.2. Evaluation of occupation-related statistics taken for the most part from the population census in 1950 and 1961 and the micro-censuses of 1964 and 1967

3.3. ---

4. Beginning 1970, date of completion not known

5. ---

6. Materialien aus der Arbeitsmarkt- und Berufsforschung
Serie Berufsentwicklungen (no precise data)

7. Dr. Fritz Molle

8. Hans Heinz
Dr. Fritz Molle
Klaus Parmentier

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
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8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Success control with regard to further vocational training and re-training programmes for individuals

3. In the course of this study a random sample was interviewed from each group which in 1970 completed or left vocational training programmes and received financial assistance from the Federal Institute of Labour. The following topics received special attention
1. The participant's occupational and job situation before entering the training programme
2. The factors motivating the participants receiving assistance under the training programme
3. Position during the programme
4. Occupational and job situation after completion of the programme
Special consideration is being given to participants who failed to achieve the training goal or to complete the programme

3.1. ---

3.2. Interviews with persons who took part in training programmes

3.3. ---

4. 1970 to 1972

5. ---

6. Publication planned

7. Lothar Schuster

8. Christian Brinkmann
Werner Dadzio
Ingrid Mollwo
Lothar Schuster

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Institut für Arbeitsmarkt- und Berufsforschung der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)
852 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

2. Regional and occupational distribution of apprenticeships, school-leavers and persons entering employment

3. Description of the supply of training places in firms and enterprises in the various Employment Office districts, examination of the dependence on the economic structure, and possibility of forecasting the supply of training places in the future

3.1. ---

3.2. ---

3.3. ---

4. 1971 to 1973

5. ---

6. Stooss, Friedemann: Zur regionalen Ungleichheit der beruflichen Bildungschancen in der Bundesrepublik Deutschland. In: Mitteilungen aus der Arbeitsmarkt- und Berufsforschung. Heft 2, 1971
Publication of Part II anticipated in 1974 in the same journal

7. Friedemann Stooss

8. Friedemann Stooss

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

Institut für Arbeitsmarkt- und Berufsforschung
der Bundesanstalt für Arbeit
(Institute of Employment Research of the Federal Institute of Labour)

8520 Erlangen
Strümpellstrasse 14 Tel. (09131) 3 30 91

Educational research projects which are ordered and financed by this institution are carried out by the following researchers and institutes:

A. Blüm
U. Frenzel
Battelle Institut e.V.
Gemeinnützige Laboratorien für Vertragsforschung
(Non-profit Research Contract Laboratories)
6000 Frankfurt am Main

Qualitative and quantitative projections concerning the labour market in the Federal Republic of Germany (3rd phase)
cf. p. 54

Prof. Armin Hegelheimer
Technische Universität
Fachbereich 2: Gesellschafts- und Planungswissenschaften
(Technical University
Sector 2: Social and Planning Sciences)
1000 Berlin

Problems and practical possibilities of the qualitative regulation of the labour market
cf. p. 38

Prof. Georg Rothe
Rudolf Hastenteufel
Institut für Bildungsinhalts- und Lehrmittelforschung
an der Berufspädagogischen Hochschule
(Institute of Education and Teaching Aids Research of the Teacher Training College)
7000 Stuttgart

Special evaluation of the survey of pupils attending the "Berufsschule" (vocational school) in Baden-Württemberg in 1968
cf. p. 154

1. Battelle Institut e.V.
Gemeinnützige Laboratorien für Vertragsforschung
(Battelle Institute (registered society)
Non-profit Research Contract Laboratories)
6000 Frankfurt am Main
Wiesbadener Strasse Tel. (0611) 7 90 81

2. Qualitative and quantitative projections concerning the labour market in the Federal Republic of Germany (3rd phase)

3. ---

3.1. The aim of the third phase of the Battelle model is to make projections of the trends in the labour supply based on the most recent information and using estimates of numbers entering and leaving employment. In addition to projecting past trends, this simulation model is designed to enable a play-through of the possible effects on the labour supply of alternative political measures. A comparison with the demand model, showing the balance of supply of and demand for labour, is designed to represent possible aggregate or partial imbalances in the labour market. Another objective is to try to work substitution and flexibility processes into the model.

3.2. Forecast of the labour supply using estimates of the numbers entering and leaving employment.
Forecast of the demand for labour using Cobb-Douglas production functions. This will be carried out by the Deutsches Institut für Wirtschaftsforschung, Berlin (German Institute of Economic Research, Berlin)

3.3. ---

4. 1972 to 1974

5. ---

6. ---

7. A. Blüm
U. Frenzel

8. A. Blüm
U. Frenzel

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Pilot study on the observation and analysis of "Bildungslebensläufe" (life-histories beginning with students of grade 12 of the "Gymnasium" (grammar school) during their further educational or professional careers)

3. Basic research for
1. Guidance to students and school-leavers with Abitur certificates
2. Educational planning
3. Educational psychology

3.1. ---

3.2. Series of longitudinal studies, combined with trend analysis; comprehensive preliminary investigation combined with shorter annual follow-up surveys

3.3. ---

4. Beginning November 1971
Date of completion not yet known

5. ---

6. ---

7. Prof.Hansgeorg Bartenwerfer
Dr. Heinz Giesen

8. Prof. Hansgeorg Bartenwerfer
Wolfram Böhmeke
Manfred Effler
Dr. Heinz Giesen
Annelie Hummer
Bernd Kötter
Hans-Joachim Krämer
Dr. I. Plaikner
R. Werner

9. Federal Ministry of Education and Science

10. German Institute for International Educational Research
Federal Ministry of Education and Science

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. The influence of socio-cultural factors on voluntary participation in the experiment on early school attendance in Hesse

3. Study of the motives of parents of 5-year-old children, in particular in the 1970/71 experimental group, for or against participating in the experiment "Eingangsstufe" (primary education, entry level)

3.1. ---

3.2. Complex statistical analysis

3.3. ---

4. 1968 to approx. 1973

5. Statistical evaluation completed

6. Bauer, Adam: Zum sozio-ökonomischen und sozio-kulturellen Bildungsmilieu. In: Mitteilungen und Nachrichten des Deutschen Instituts für Internationale Pädagogische Forschung. Sonderheft "Der Hessische Schulversuch zur Früheinschulung". Frankfurt 1971

7. Adam Bauer
Prof. Theodor Hanf

8. Adam Bauer

9. German Institute for International Educational Research

10. German Institute for International Educational Research

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Studies on educational status

3. Determination of the factors involved in and the extent of educational behaviour in different population groups, analysis of educational consciousness and motivation in the light of relevant criteria

3.1. Development of a set of instruments to measure social status and its relevance to educational behaviour

3.2. Complex statistical analysis to corroborate a theoretical construct

3.3. ---

4. 1968 to June 1972

5. A technique for measuring social status and its relevance to educational behaviour (facsimile of the German Institute for International Educational Research, Frankfurt am Main 1972)

6. Planned

7. Adam Bauer
Prof. Theodor Hanf

8. Adam Bauer

9. German Institute for International Educational Research

10. German Institute for International Educational Research

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Training for teachers at "höheren Schulen/Sekundarschulen" (secondary schools)

3. Study on discrepancies between the actual professional requirements and problems of teachers and their qualifications, based on the analysis of training and study courses, examination data etc.

3.1. Working out of a basis for developing new teacher training curricula in the fields of education and sociology

3.2. Surveys of the range of courses provided during 12 successive semesters (till the 1972 summer semester) and of examination results; open-ended interviews with samples from all groups involved; standardized questionnaires for tutors, teachers during their probationary period and fully-trained teachers

3.3. ---

4. August 1969 to March 1973

5. Analysis of the contents of university courses using categories specially developed by the research-team

6. Planned

7. Manfred Bayer
Prof. Wolfgang Mitter

8. Manfred Bayer
Manfred Kolbe
Research assistants (students)

9. German Institute for International Educational Research

10. German Institute for International Educational Research
Volkswagenwerk Foundation

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Fankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Organization of school administration

3. Investigative section: adequate empirical studies have not yet been carried out in the field of school administration. Main themes of the study: the present structure of organization (formalized and non-formalized organization) and the motivations and attitudes of the staff

3.1. a) Draft model; in particular the comprehensive American literature on the problem of school administration will be drawn on in working out a model for reform
b) Plan of application (within the framework of a "planned transformation" of the organization of school administration)

3.2. Complex statistical analysis

3.3. ---

4. April 1969 to June 1973

5. ---

6. Bessoth, Richard: Strukturprobleme und Entwicklungsalternativen der Schulverwaltung. In: Funktionalreform und Neuordnung der Schulverwaltung in Rheinland-Pfalz. Mainz: Institut für Lehrerfort- und -weiterbildung 1972, pp. 15-25; and in: Forum E, 25, 1972, 6, pp.156-160; 7/8,pp.189-194
By the same author: Neuordnung der Schulaufsicht im Rahmen der Funktionalreform in Rheinland-Pfalz. Verwaltungswissenschaftliche Einwände gegen eine Nicht-Reform. In:Rhein-Pfälzische Schulblätter, 23, 1972, 9, pp. 97-105

7. Richard Bessoth
Prof. Theodor Hanf

8. Richard Bessoth

9. Rhineland-Palatinate and Saarland Ministries of Education

10. Rhineland-Palatinate and Saarland Ministries of Education
Volkswagenwerk Foundation

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Adult education in Africa

3. Study of the concepts and stage of realization of institutions of adult education in various African countries (the Sudan, the Ivory Coast, Zaïre, Madagascar, Mauritius) with regard to the level of development of these countries (i.e. so-called functional adult education)

3.1. Evaluation of the success of educational assistance programmes of the Deutsche Volkshochschulverband - D.V.V. - (German Association of Adult Education Centres) for adult education teachers in Africa

3.2. Systematic investigation of adult education sponsoring organizations in 5 African countries: evaluation of records and documents, interviews with executive and teaching personnel at different levels; observation of and participation in educational courses and field-work
Interviews with former D.V.V. scholarship-holders

3.3. ---

4. March 1972 to December 1972

5. "Functional" adult education exists in the Sudan and Madagascar, but in the other countries is only marginal. Former D.V.V. scholarship-holders are in the Sudan and Madagascar for the most part, in Mauritius and Zaïre partially and in the Ivory Coast not at all employed as befits their training

6. Planned

7. Prof. Theodor Hanf

8. Karl Amman
Prof. Theodor Hanf
Hans-Gert Ludwig
Gerda Vierdag

9. Federal Ministry for Economic Co-operation

10. Federal Ministry for Economic Co-operation

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Students and politics in Lebanon 1961-1971

3. Study of the political attitudes of university students in a fragmented political culture

3.1. Investigation of the most important factors determining political attitudes: class, ethnic origin, identification with religion, educational factors
Investigation of the changes in attitudes and determining factors within a decade

3.2. ---

3.3. ---

4. 1961 to April 1973

5. Statistical work completed

6. Hanf, Theodor: Political Attitudes of Congolese and Lebanese University Students. In: Massialas, Byron G.: Political Youth-Traditional Schools, Englewood Cliffs 1972, pp. 197-212.
By the same author: Facteurs déterminants les attitudes politiques des étudiants libanais. In: Travaux et Jours, U.S.J. Beirut (in the press)

7. Prof. Theodor Hanf

8. Dr. Rainer Hampel
Prof. Theodor Hanf

9. German Institute for International Educational Research
Arnold Bergstraesser Institute

10. German Institute for International Educational Research
Arnold Bergstraesser Institute

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss- Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Student attitudes to society, religion and politics in the Philippines

3. Study of factors determining student attitudes. Hypothesis: minor importance of institutions of formal education in comparison with other socialization agencies. Close links between religious and political socialization

3.1. ---

3.2. Written survey of senior students
Selection of universities according to sponsor and regional location

3.3. ---

4. July 1972 to July 1973

5. ---

6. Planned

7. Prof. Theodor Hanf

8. Prof. Theodor Hanf
Karl Schmitt

9. Study Group for Development and Peace

10. German Institute for International Educational Research
Arnold Bergstraesser Institute
Study Group for Development and Peace

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Dialect and school success

3. Study of the possible influence of dialect on school achievement and thus success at school. (What are the consequences for pupils who at home are accustomed to speak dialect?)

3.1. ---

3.2. Empirical study

3.3. ---

4. September 1972 to August 1973

5. ---

6. (Preliminary test in 1968 on the same topic)
Hasselberg, Joachim: Die Abhängigkeit des Schulerfolgs vom Einfluß des Dialekts. In: Muttersprache 82, 1972, Heft 4

7. Joachim Hasselberg
Prof. Walter Schultze

8. Joachim Hasselberg

9. German Institute for International Educational Research

10. German Institute for International Educational Research

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss-Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. State and society in the consciousness of teachers. A study of attitudes of future teachers in the second stage of training in Hesse

3. Research on techers' models of state and society

3.1. Comparison of these models with earlier work on the assumption that, influenced by the social changes of recent years, the view of society held by young teachers would show change

3.2. Complex statistical analysis

3.3. ---

4. 1970 to 1972

5. ---

6. Planned

7. Arnulf Hopf
Prof. Theodor Hanf

8. Arnulf Hopf

9. German Institute for International Educational Research

10. German Institute for International Educational Research

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss- Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. School expenditure and educational costs. Analysis of a public budget in the light of educational economics

3. Study of the information value and processing capacity of the available financial data on educational institutions. Main hypothesis: the present accounting system of educational institutions is inadequate for the empirical verification of hypotheses of educational economics; various improvements must therefore be recommended.

3.1. ---

3.2. Case study, review of the literature

3.3. ---

4. 1968/1969 to the end of 1972

5. ---

6. Publications 1971 et seq.:
Döring, Peter A. & Kahlert, Helmut & Weiß, Manfred: Betriebsgrösse und Schulausgaben im Bildungswesen. In: Mitteilungen und Nachrichten des Deutschen Instituts für Internationale Pädagogische Forschung 61/62, Frankfurt/Main, 1971, pp.1-30
Kahlert, Helmut: Bildungsökonomie im Bereich der Fachhochschule. In: Der Furtwanger Ingenieur 5, 1971/72, S.11-17
Kahlert, Helmut & Döring, Peter A.: Konjunkturelle Effekte in Haushaltsplanung und Haushaltsvollzug einer Bildungseinrichtung. In: Mitteilungen und Nachrichten des Deutschen Instituts für Internationale Pädagogische Forschung 63/64, Frankfurt/Main, Mai 1972, pp. 32-49
Kahlert, Helmut & Döring, Peter A.: Schulausgaben und Bildungskosten. Bildungsökonomische Analysen eines kameralistischen Budgets (dargestellt am Beispiel der Staatlichen Ingenieurschule Furtwangen). Weinheim, Beltz, 1973 (publication shortly)

7. Prof. Helmut Kahlert
Peter A. Döring

8. Peter A. Döring
Prof. Helmut Kahlert

9. German Institute for International Educational Research

10. German Institute for International Educational Research

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss- Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Effect of school policy measures on the educational affinity of various sections of the population

3. Examination of the effects of comprehensive schools on the educational affinity of various sections of the population; analysis of the expectations, information level and requirements of parents, their participation in school-life and attitudes to specific innovative aims of the comprehensive school

3.1. Contributions to developing information strategies for parents and the public in publicising and establishing comprehensive schools

3.2. Complex statistical analysis

3.3. ---

4. April 1971 to end of 1975

5. Results of the preliminary test on the opinions and attitudes of parents with regard to the comprehensive school, as well as their information level and requirements

6. ---

7. Dr. Rosemarie Klaus-Roeder
Prof. Theodor Hanf

8. Ursula Häßler
Dr. Rosemarie Klaus-Roeder

9. German Institute for International Educational Research

10. German Institute for International Educational Research

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss- Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Psychological problems of educational innovation

3. Studies of the conditions influencing teachers' behaviour towards innovations

3.1. ---

3.2. Interviews and possibly observation

3.3. ---

4. April 1971 to December 1974

5. ---

6. ---

7. Prof. Bernhard Kraak

8. B. Dorsch
I. Graudenz
D. Hauer
B. Huber
Prof. Bernhard Kraak
B. Irskens
S. Lindenlaub
J. Reinert
D. Rüdiger
G. Spöhring
Th. Zech

9. German Institute for International Educational Research

10. German Institute for International Educational Research
Federal Ministry of Education and Science

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss- Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Emotional and social behaviour in the pre-school age-groups

3. Educational behaviour of kindergarten instructors and teachers as a prerequisite for the development of self-confidence, independence, ability to establish social relations and conflict-solving behaviour

3.1. Possibilities of compensatory education

3.2. Interviews with mothers, children and teachers; observation of children and teachers; attempts to change educational behaviour

3.3. ---

4. July 1970 to September 1974

5. Associations between the social class of the parents and the educational attitudes of the mothers

6. ---

7. Prof. Bernhard Kraak

8. Ines Graudenz
Doris Hauer
Prof. Bernhard Kraak
Gisela Spöhring

9. German Institute for International Educational Research

10. German Institute for International Educational Research
Federal Ministry of Education and Science

1. Deutsches Institut für Internationale Pädagogische Forschung
(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss- Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Scientific evaluation of the early school attendance project in Land Hesse

3. Are there differences in the levels of school achievement between children in the experimental and the control group?
If early school attendance has an effect, is this of a permanent nature?
Was it possible in the experimental groups to make more progress in breaking down social barriers?

3.1. ---

3.2. Comparison of the experimental and the control group. Mainly cognitive variables were used in the study

3.3. ---

4. July 1969 to approx. 1975

5. See research report: account of the results after 2 years in the classes of the "Eingangsstufe" (primary education, entrance level)

6. Deutsches Institut für Internationale Pädagogische Forschung (ed.): Der Hessische Schulversuch zur Früheinschulung, Frankfurt/Main 1971. Sonderheft der Mitteilungen und Nachrichten

7. Prof. Bernhard Kraak

8. Renate Möhling
(previously) Dr. Ullrich Raatz
Karin Ruchti

9. German Institute for International Educational Research

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6000 Frankfurt am Main 90
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Postfach 900280 Tel. (0611) 77 10 47

2. Diagnosis and promotion of verbal skills in children aged 4 to 6

3. a) Are there differences specific to different social classes in their use of syntax? (The evaluation criteria were based on the theory of transformational generative grammar)
b) Are there differences specific to different social classes in their use of situationally determined variables such as dialect, colloquial speech, slips of the tongue and other distortions, and size of vocabulary?

3.1. Is it possible to promote verbal skills?

3.2. Preliminary study: Verbalization from picture series - no control group (tape recordings).The study is divided into 3 stages: first stage: verbalization by the child; second stage: conversation with the experiment director; third stage: as first
Main study: control group planned

3.3. ---

4. September 1970 to August 1973

5. a) Use of syntax specific to different social classes could not be determined. Nor could any differences be established in the case of situationally determined variables
b) Compensatory language teaching cannot take the form of grammatical instruction, since all children have an adequate grasp of syntax
c) Compensatory teaching can probably have some effect on situationally determined variables (e.g. dialect and vocabulary)

6. ---

7. Prof. Bernhard Kraak

8. Ilse Schaumberger

9. Hesse Ministry of Education

10. German Institute for International Educational Research
Federal Ministry of Education and Science

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6000 Frankfurt am Main 90
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Postfach 900280 Tel. (0611) 77 10 47

2. Social-psychological studies of grades 3 and 4 of the "Grundschule" (primary school) and of grades 5 and 6 of the succeeding different types of school ("Hauptschule","Realschule","Gymnasium", "Förderstufe")

3. ---

3.1. Principal aim: the association between school achievement and popularity with peer-group ("Sympathiestatus") in different years (3rd to 6th) and different types of school

3.2. The investigation is in 2 stages: investigation by appointed co-ordinators and by teaching staff; there will be a repeat in 1973 to verify the results; evaluation of the data in the light of other aspects

3.3. ---

4. October 1971 to December 1973

5. Statistical evaluation of internal aspects of the school class (level of school achievement and popularity of the individual pupil and correlations);
evaluation of aspects beyond the school class unit (frequency distributions, medium value and dispersions, correlations broken down according to year, type of school and sex)
Correlation analysis (homogeneity test, t-test, variance analysis)

6. Pilot studies:
Langner & Vorkauf: Soziale Koedukation.Weinheim 1970
Langner & Schlattmann: Die Grundschule - ein Schonraum? Weinheim 1972

7. Dr. K. Langner
Prof. W. Schultze
Prof. W. Mitter

8. Groeben
Dr. K. Langner
Dr. I. Langosch
H.Schlattmann
H. Vorkauf

9. German Institute for International Educational Research

10. German Institute for International Educational Research
Federal Ministry of Education and Science
Land Hesse

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(German Institute for International Educational Research)
6000 Frankfurt am Main 90
Schloss- Strasse 29
Postfach 900280 Tel. (0611) 77 10 47

2. Study of questions of protestant religious instruction

3. a) Investigation of interests related to religious themes
b) Investigation of attitudes to religion

3.1. Investigation of conditions for improving protestant religious instruction

3.2. Empirical study (sample enquiry N 50 000); pupils at all types of school

3.3. ---

4. September 1969 to 1973

5. ---

6. ---

7. Dr. Rudolf Raasch

8. Dr. Siegfried Brill
Ulrich Lessin
Dr. Rudolf Raasch
Dr. Falk Wagner
Jürgen Wendeler

9. The Protestant Church in Hesse and Nassau

10. German Institute for International Educational Research
The Protestant Church in Hesse and Nassau

1. Arbeitsgruppe Standortforschung
Institut für regionale Bildungsplanung
Technische Universität Hannover
(Institute of Urban and Regional Educational Planning
Technical University of Hannover)
3000 Hannover
Weddigenufer 2 Tel. (0511) 762-3373

2. Regional planning of institutions of further education

3. Analysis of the situation by regions (supply-demand)

3.1. Planning of optimal further education provision

3.2. ---

3.3. Analysis of the situation by regions

4. End of 1971 to (date of completion not known)

5. ---

6. ---

7. Peter Böhle
Ulrich Müller

8. Peter Böhle
Ulrich Müller

9. Institute of Urban and Regional Educational Planning

10. Institute of Urban and Regional Educational Planning

1. Arbeitsgruppe Standortforschung
Institut für regionale Bildungsplanung
Technische Universität Hannover
(Institute of Urban and Regional Educational Planning
Technical University of Hannover)
3000 Hannover
Weddigenufer 2 Tel. (0511) 762-3373

2. Regional planning of establishments of the "Elementarbereich" (elementary sector, pre-primary education) and "Eingangsstufe" (primary education, entrance level)

3. Problem analysis as a preparation for regional planning of kindergartens and "Grundschulen" (primary schools)

3.1. Adequate regional supply of pre-school and school entry level establishments

3.2. Regional analysis, analysis of literature

3.3. "Elementarbereich", "Eingangsstufe", pre-school education, regional planning

4. September 1971 to December 1972

5. ---

6. ---

7. Astrid Kirfel-Rühle von Lilienstern

8. Astrid Kirfel-Rühle von Lilienstern

9. Institute of Urban and Regional Educational Planning

10. ---

1. Arbeitsgruppe Standortforschung
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Technische Universität Hannover
(Institute of Urban and Regional Educational Planning
Technical University of Hannover)
3000 Hannover
Weddigenufer 2 Tel. (0511) 762-3373

2. Regional analysis of educational participation in "Fachhochschulen" (higher technical colleges) - basis for location and capacity planning

3. ---

3.1. Analysis of the migration of students at "Ingenieurschulen" and "Höheren Fachschulen" (engineering colleges and higher technical colleges); determination of the catchment areas of "Fachhochschulen" (higher technical colleges); social background, choice of courses, previous education, age and sex ratio of students

3.2. Survey of students at "Ingenieurschulen" and "Höheren Fachschulen" in 1969/70; survey of institutions by the Laender Statistical offices

3.3. Movements between places of study, "Fachhochschule" (higher technical colleges), "Gesamthochschule" (comprehensive university), choice of courses, social background of students

4. August 1969 to December 1972

5. Reports for Northrhine-Westfalia, Baden-Württemberg, Schleswig-Holstein, Lower Saxony, Bremen, Hesse, Rhineland-Palatinate, Saarland, Hamburg

6. In: Schriftenreihe der Arbeitsgruppe Standortforschung
Band 18, Hannover 1972 (Nordrhein-Westfalen)
In: Manuskriptdruck der Arbeitsgruppe Standortforschung
Nr. 45 Hannover 1972 (Baden-Württemberg)
In: Manuskriptdruck Nr. 48, Hannover 1972 (Norddeutschland)
In: Manuskriptdruck Nr. 49, Hannover 1972 (Rheinland/Hessen)

7. Roland Mutschler

8. Hans Wilhelm Baumann
Sabine Diesterweg
Doris Löchl
Ulrich Müller
Roland Mutschler
Lothar C. Tischler

9. Institute of Urban and Regional Educational Planning
Land Northrhine-Westfalia
Federal Ministry of Education and Science

10. ---

1. Hochschul-Informations-System GmbH (HIS)
(Higher Education Information System Ltd)
3000 Hannover
Prinzenstrasse 12 Tel. (0511) 1 92 01

2. Compilation and evaluation of alternative concepts of university development planning

3. Linking of qualitative (contents and organization) and quantitative (equipment and staff) planning with reference to relative data external to the university

3.1. ---

3.2. Development of a concept, to be followed by a test phase

3.3. ---

4. Beginning January 1972; date of completion not known

5. University development planning:
Legal basis
Approaches of some universities
Proposal for a concept
(unpublished research papers)

6. Böhme, Monika: Auf der Suche nach Ansätzen für eine Hochschulentwicklungsplanung. Hannover 1972
HIS-Kurzinformationen Nr. 8, 1972

7. Dr. Monika Böhme

8. Jörn Bartels
Dr. Monika Böhme
Ahmad Hassanizadeh

9. Higher Education Information System Ltd

10. Higher Education Information System Ltd

1. Hochschul-Informations-System GmbH (HIS)
Aussenstelle Heidelberg
(Education Information System Ltd
Heidelberg Office)
6900 Heidelberg
Hauptstrasse 169 Tel. (06221) 5 45 06

2. Simulation models A and B

3. Development and testing of simulation models incorporating data on students, university staff, courses, space, and representing the following processes: demand for courses, correlation of staff to courses, correlation of courses to rooms, interdependence of processes, development over time

3.1. The models create the prerequisites for the optimal utilization of existing resources and are aids to planning expansions in capacity

3.2. ---

3.3. ---

4. June 1970 to October 1972

5. Study, by means of the simulation model, of requirements in terms of staff and space requirements in English studies; techniques for studies of university capacity, models for the simulation of trends in capacity requirements of universities and within academic fields

6. Griese, Joachim: Kapazitätsnutzung im Hochschulbereich.
Dettweiler, Egbert & Frey, Hans-W.: Kurz- und langfristige Kapazitätsanalyse im Hochschulbereich. Both in: HIS-Reihe Hochschulplanung Band 2, 1970
Dettweiler, Egbert & Frey, Hans-W.:Simulationsmodelle für die Hochschulplanung. In: HIS-Brief 19, 1972
Frey, Hans-W.: Untersuchung des Personal- und Raumbedarfs im Fach Anglistik mit Hilfe eines Simulationsmodells auf EDV-Basis. In: HIS-Reihe Hochschulplanung. Band 10,1972

7. Hans-W. Frey

8. Egbert Dettweiler
Hans-W. Frey
Arndt Kehler

9. Higher Education Information System Ltd

10. Higher Education Information System Ltd

1. Hochschul-Informations-System GmbH (HIS)
(Higher Education Information System Ltd)
3000 Hannover
Prinzenstrasse 12 Tel. (0511) 1 92 01

2. Estimates of space requirements in universities

3. Estimate of space requirements of and planning of space utilization for universities

3.1. ---

3.2. Optimization of correlations

3.3. ---

4. Beginning September 1969; date of completion not known

5. The so-called "Bielefeld model",
HISFLA technique for estimating space requirements

6. ---

7. Dr. Horst Gerken

8. Eckhard Bunzel
Dr. Horst Gerken
Peter Reckers
Klaus Dietmar Schmidt

9. Higher Education Information System Ltd

10. Higher Education Information System Ltd

1. Hochschul-Informations-System GmbH (HIS)
Aussenstelle Hamburg
(Higher Education Information System Ltd
Hamburg Office)
2000 Hamburg 13
Mittelweg 169/I Tel. (040) 45 76 51/52

2. Development of a data bank for research projects

3. Development of techniques for recording information necessary for the planning and organization of research within a university

3.1. ---

3.2. Interviews, questionnaire surveys on contents, personnel and resources

3.3. ---

4. May 1971 to December 1975

5. Research register of the University of Hamburg

6. Arbeitsgruppe FOPRODA:
Hochschulforschung: Ansätze zur Entwicklung einer Forschungsprojektdatei. In: HIS-Brief 29, Hannover 1972

7. Ingo Hartmann

8. Ingo Hartmann
Wolfgang Isserstedt
Klaus Jentzsch
Wolfgang Zeyns

9. Higher Education Information System Ltd

10. Higher Education Information System Ltd

1. Hochschul-Informations-System GmbH (HIS)
(Higher Education Information System Ltd)
3000 Hannover
Prinzenstrasse 12 Tel. (0511) 1 92 01

2. Data base for courses I (LVD I)
Development of a technique for the electronic processing of data on university courses

3. ---

3.1. Use of EDP in organizing university teaching (planning of the courses, EDP printing of information lists, time-tables registers of lectures)
statistics on courses (break-down of participants, utilization of staff and premises)
integration of other EDP systems (staff, premises, students at universities)

3.2. ---

3.3. ---

4. October 1971 to December 1973

5. Draft of an EDP system

6. ---

7. Dr. Ludwig Leute

8. Henning Cloes
Inga Kurlbaum-Goy
Dr. Ludwig Leute

9. Higher Education Information System Ltd

10. Higher Education Information System Ltd

1. Hochschul-Informations-System GmbH (HIS)
Aussenstelle Mainz-Wiesbaden
(Higher Education Information System Ltd
Mainz-Wiesbaden Office)
6500 Mainz-Bretzenheim
Karl-Zörgiebel-Strasse 50 Tel. (06131) 3 35 96

2. Preliminary work on the development of a comprehensive Land university plan

3. Standardization of university development plans at Land level

3.1. ---

3.2. Evaluation and analysis of literature and legislation, compilation of orientation data relevant to planning

3.3. ---

4. Beginning January 1972; date of completion not known

5. Schedule for the preparation of the university development plans of Land Hesse, reflections on research planning

6. ---

7. Elke Möller

8. Elke Möller
Heidrun Schmitt
Rolf Vieten

9. Higher Education Information System Ltd

10. Higher Education Information System Ltd

1. Hochschul-Informations-System GmbH (HIS)
(Higher Education Information System Ltd)
3000 Hannover
Prinzenstrasse 12 Tel. (0511) 1 92 01

2. Development of a documentation system for university planning

3. ---

3.1. Development of a documentation of literature on university planning;
development of a documentation of projects on university planning;
development of a documentation on legal aspects and on courses of study

3.2. ---

3.3. ---

4. Beginning January 1972; date of completion not known

5. Drafts for a system, some programmes

6. Planned

7. Uwe Wenzel

8. Gunnar Berg
Ulrich Meindl
Dr. Franziska Rischkowsky
Uwe Menzel
Heinz Westkamp
Uwe Zöllner

9. Higher Education Information System Ltd

10. Higher Education Information System Ltd

1. Joint project of the following institutions:

   a) Hochschul-Informations-System GmbH (HIS)
   (Higher Education Information System Ltd)
   3000 Hannover
   Prinzenstrasse 12 Tel. (0511) 1 92 01

   b) Universität Karlsruhe
   (University of Karlsruhe)
   7500 Karlsruhe
   Kaiserstrasse 12 Tel. (0721) 60 81

2. Testing of the HIS simulation model B at the University of Karlsruhe

3. Check of the functions of simulation model B, if necessary correction and supplementation; fixing of real time factors for establishing total work load in connection with teaching activities and equivalence sectors for the comparison of financial expenditures

3.1. ---

3.2. Empirical test,
interviews, questionnaire survey and use of existing data:
data bank for students, data bank for staff, timetable programme

3.3. ---

4. August 1972 to September 1973

5. ---

6. ---

7. Hans-W. Frey

8. Hans-W. Frey (HIS)
Walburga Jüllig (University of Karlsruhe)
Helmut Kühnle (HIS)
Mander (University of Karlsruhe)
Metz (University of Karlsruhe)

9. Higher Education Information System Ltd

10. Higher Education Information System Ltd
University of Karlsruhe

1. Joint project of the following institutions:

a) Hochschul-Informations-System GmbH (HIS)
(Higher Education Information System Ltd)
3000 Hannover
Prinzenstrasse 12 Tel. (0511) 1 92 01

b) Planungs- und Informationszentrum der Universität Freiburg
(Planning and Information Centre of the University of Freiburg)
7800 Freiburg
Belfortstrasse 18 Tel. (0761) 203 3437

2. Preparation of a university development plan

3. Development of a method for preparing a university development plan related to Freiburg

3.1. ---

3.2. Compilation of orientation data relevant to planning; interviews, questionnaire survey, use of statistics, legislation on universities, report of the Federal and Laender Commission etc.

3.3. ---

4. Beginning January 1972; dat of completion not known

5. ---

6. ---

7. Gerhard Johann

8. Dr. Klaus Herzog
Gerhard Johann
Gerd Mahler

9. Higher Education Information System Ltd
University of Freiburg

10. Higher Education Information System Ltd
University of Freiburg

1. Joint project of the following institutions:

   a) Hochschul-Informations-System GmbH (HIS)
   (Higher Education Information System Ltd)
   3000 Hannover
   Prinzenstrasse 12 Tel. (0511) 1 92 01

   b) Universität Stuttgart
   Sonderforschungsbereich (SFB) 63: Hochschulbau
   (University of Stuttgart
   Special Research Area 63: University Building)
   7000 Stuttgart 1
   Ossietzkystrasse 4 Tel. (0711) 20 73/23 20

   c) Zentralarchiv für Hochschulbau
   (Central Archive for University Building)
   7000 Stuttgart 1
   Ossietzkystr. 4 Tel. (0711) 20 73/23 20

2. Establishment of a co-operative information system for the documentation of university planning

3. ---

3.1. Establishment of a co-operative information system for the documentation of university planning, designed as an open system. The effort to institutionalize contacts with information and documentation centres in other spheres of education will be continued

3.2. ---

3.3. ---

4. Beginning June 1972; date of completion not known

5. ---

6. Planned

7. Ulrich Meindl (HIS)

8. Jaime Acevedo (University of Stuttgart SFB 63)
Kind (Central Archive for University Building)
Ulrich Meindl (HIS)

9. Higher Education Information System Ltd
University of Stuttgart, Special Research Area 63
Central Archive for University Building

10. Higher Education Information System Ltd
University of Stuttgart, Special Research Area 63
Central Archive for University Building

1. Joint project of the following institutions:

   a) Hochschul-Informations-System GmbH (HIS)
   (Higher Education Information System Ltd)
   3000 Hannover
   Prinzenstrasse 12 Tel. (0511) 1 92 01

   b) Informationszentrum der Universität Erlangen-Nürnberg
   (Information Centre of the University of Erlangen-Nürnberg)
   8520 Erlangen
   Universitätsstrasse 12
   Kollegienhaus Tel. (09131) 8 56 80

2. Development, programming and testing of a forecast information system

3. Forecast of numbers of first-year students at scientific universities

3.1. Development of a technique for estimating trends on the basis of empirical surveys

3.2. ---

3.3. ---

4. November 1970 to May 1972

5. ---

6. Schrammel, Dieter & Griese, Joachim: Prognose-Informations-System und Auslastungs-Informations-System. In: HIS-Reihe Hochschulplanung. Band 7, 1971

7. Dieter Schrammel (University of Erlangen-Nürnberg)

8. Herbert König (HIS)
Erich Merkle (University of Erlangen-Nürnberg)
Wolfgang Neuwirth (University of Erlangen-Nürnberg)
Dieter Schrammel (University of Erlangen-Nürnberg)

9. Higher Education Information System Ltd
Information Centre of the University of Erlangen-Nürnberg

10. Higher Education Information System Ltd
Information Centre of the University of Erlangen-Nürnberg

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Parental home and educational opportunities. A study of the significance of the parental home for the choice of school after grade 4 in the "Grundschule" (primary school)

3. Study of class-specific educational behaviour, socialization influences, cultural deficit, horizons of advancement; influence of socio-economic variables: occupational position, school education, income, number of children

3.1. ---

3.2. Survey of a representative sample of parents with children in grade 5 using a structural questionnaire; 1,500 interviews in Baden-Württemberg

3.3. ---

4. 1968 to end of 1971

5. The choice of school after the "Grundschule" (primary school) is in the first place dependent on the social status of the parents. The level, not the type of occupational position (i.e. worker, employee, official etc.) is decisive. The class-specific horizon of advancement determines the parents' desires as to their children's education. However, in all social classes (including the lower), the potential of "pro-education" parents is greater than the number of children transferring to "höheren Schulen" (grammar schools)

6. Baur, Rita: Elternhaus und Bildungschancen. Eine Untersuchung über die Bedeutung des Elternhauses für die Schulwahl nach der 4. Klasse Grundschule. In: Schriftenreihe der Arbeitsgruppe für Empirische Bildungsforschung, Band 4, Weinheim und Basel 1972

7. Dr. Rita Baur

8. Dr. Rita Baur
Annemarie Jaeger
Ruth Spitzmüller

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. A longitudinal study (panel analysis) of the transfer from "Grundschule" (primary school) to "weiterführende Schulen" (secondary schools)

3. Study of changes in behaviour and attitudes caused by the transfer to the "Gymnasium" (grammar school),"Realschule" (intermediate school), or to "Hauptschule" (main school). Does there occur a process of adaptation to the values and behaviour styles specific to the different school types? For example, do parents from lower social classes whose children transfer to "Gymnasium" orient themselves increasingly to "people of higher social class"?

3.1. ---

3.2. Survey of a representative cross-section of parents using the same structured questionnaire both before and one year after the transfer to "weiterführende Schulen" (secondary schools); 490 double interviews

3.3. ---

4. 1968 to mid-1973

5. ---

6. ---

7. Dr. Rita Baur
Ruth Spitzmüller

8. Dr.Rita Baur
Annemarie Jaeger
Ruth Spitzmüller

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Expansion of further education

3. Research into the educational opportunities and needs of adults; focus on the work situation

3.1. Sociological pilot study

3.2. Intensive interviews, interviews with experts, compilation of relevant structural data

3.3. Educational opportunities of adults, work situation, life situation, position in the production process, further education, institutionalization of further education

4. Autumn 1970 to autumn 1973

5. ---

6. ---

7. ---

8. Michael Buttgereit
Peter Deuchert
Dr. Bernhard Dieckmann
Günther Holzapfel

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Structural surveys in Baden-Württemberg

3. ---

3.1. Determination of a time series of transfer rates; study of the socio-cultural background of pupils in the school years 1966/67 to 1969/70

3.2. Empirical survey using random sampling

3.3. Total transfer rates, group-specific transfer rates, development trends, school system of Baden-Württemberg

4. January 1967 to May 1972

5. Matrices of transfer rates for the years 1966/67 to 1969/70

6. Schulwahl und Schulsystem, eine verlaufsstatistische Analyse. In: von Weizsäcker, C.C. (Ed.): Bildung in Zahlen: Modelle, Prognosen, Alternativen. Band 1, Weinheim 1969
Quantitative Trends im Schulwesen, eine Verlaufsanalyse. In: von Weizsäcker, C.C. (Ed.): Bildung in Zahlen: Modelle, Prognosen, Alternativen. Band 2, Weinheim 1972

7. ---

8. Dorothea Grieger
Margit Heintz
Dr. Rolf Jaeger
Bertl Schleith
Dr. Klaus Schweikert
Dr. Horst Stumpf
Hannelore Sutter
Wolfram Sutter

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Personnel statistics in the sphere of further education

3 ---

3.1. Improvement of the data situation in the sphere of further education to enable more precise planning

3.2. Series of random samples designed to throw light on the social position and motivation structures of participants, potential participants and teachers in further education; model study in Baden-Württemberg

3.3. Baden-Württemberg model study, random sample surveys in the sphere of further education

4. August 1972 to January 1975

5. Preliminary drafts of questionnaires for participants and teaching personnel in further education, random sample design

6. ---

7. ---

8. Dorothea Grieger
Bertl Schleith
Dr. Klaus Schweikert

9. Institute for Empirical Educational Research

10. Balance to be met from funds of the Federal Ministry of Education and Science

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Young people choosing a career - an analysis of the behaviour of young people and their parents in choosing a career after "Hauptschule" (main school)

3. Study of career orientation and expectations leading to the choice of an apprenticeship trade or the choice of a "Berufsfachschule" (full-time vocational school) or "Wirtschaftsschule" (commercial school)

3.1. Association between career choice and socio-economic position. Influences of the number of apprenticeships available. Investigation of whether the principal factor involved is choice of career or choice of firm or enterprise. Plans for further vocational training and social advancement

3.2. Survey, using a structured questionnaire, of a representative cross-section of young people who had just completed "Hauptschule" (main schools)and their parents; 1079 interviews in Baden-Württemberg

4. 1968 to end of 1972

5. The choice of apprenticeship trades by young people is a function of a "specific career orientation", and not of differences indicated by the father's biographical data (e.g. social class,training etc.). The choice of full-time vocational school, by contrast, is influenced by class-specific conceptions of the value of educational qualifications

6. ---

7. Annemarie Jaeger

8. Dr. Rita Baur
Annemarie Jaeger
Ruth Spitzmüller

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Optimization models in educational planning

3. ---

3.1. The aim is, to raise the level of information of educational planners by application of refined mathematical methods

3.2. Mathematical optimization

3.3. Planning models
Optimization of large-scale systems
Feedback effect
Matching of supply of and demand for teachers
Development of university capacity
Manpower approach
Social demand approach

4. End of 1971 to 1973

5. ---

6. ---

7. V. Kartheus

8. V. Kartheus
K. Mattes

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Teaching in the "Baukastengesamthochschule" (comprehensive university based on the units-credits system)

3. Evaluation of teaching principles of the "Baukastengesamthochschule" in the light of general learning goals

3.1. Elaboration of recommendations

3.2. Application of the results of research into university teaching and the psychology of learning and motivation; where empirical experience was lacking, theoretical and psychological arguments were put forward

3.3. ---

4. 1970 to January 1973

5. Association were found between 5 teaching principles and 14 learning goals; in addition it was possible to determine some of the conditions necessary for these principles (e.g. group-work, examinations) to have positive effects

6. Kehler, Irene: Hochschuldidaktik eines Studienreformmodells. Ein Beitrag zur Evaluation der Baukastengesamthochschule. In: von Weizsäcker, C.C. (Ed).: Bildung in Zahlen: Modelle, Prognosen, Alternativen. Weinheim 1973

7. ---

8. Irene Kehler

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Regulating structures in the university sphere

3. Development of a mathematical simulation model representing the interaction between the university and the employment systems, with special reference to the financing of universities by university fees and the re-financing of students by special credits

3.1. Construction of a computer programme followed by sensitivity analysis of systems behaviour

3.2. ---

3.3. University fees, student loans, credit funds, quasi-market regulation of university admission

4. September 1971 to December 1973

5. ---

6. ---

7. ---

8. Dr. Günter Kellner
Dr. Hans-Georg Märtl
Prof.C. C.von Weizsäcker
Brigitte Wölm

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
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6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. A simulation model of the education system of Baden-Württemberg

3. Alternative estimates of pupil and student numbers and the associated requirements in terms of teaching personnel, buildings and finance

3.1. Check of the validity of official targets

3.2. Model of the transfer rates to "weiterführende Schulen" (secondary schools) in the period under review: rates broken down according to sex, social class and regional origin;
teaching personnel classified according to age, sex and qualifications;
the model was constructed on electronic data processing machines

3.3. ---

4. Completed

5. Forecast of pupil and student numbers until 1985
Comparison of supply of and demand for teachers until 1985
Comparison of supply of and demand for buildings until 1985
Estimate of financial requirements until 1985

6. In: Diskussionsbeiträge der Arbeitsgruppe für Empirische Bildungsforschung. Heft 10, 1973
Planned: In: von Weizsäcker, C.C. (Ed.): Bildung in Zahlen: Modelle, Prognosen, Alternativen. Weinheim

7. W. Schönfelder

8. W. Schönfelder
K. Völker
E. Völker

9. Baden-Württemberg Ministry of Education

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
(Institute for Empirical Educational Research)
6900 Heidelberg 1
Zeppelinstrasse 151 Tel. (06221) 4 91 28

2. Text information system ARTIS 3

3. ---

3.1. Storage and retrieval of short texts using electronic data processing

3.2. Storage print of search and thesaurus programmes in PL/1

3.3. Processing of texts without classification work

4. August 1970 to March 1971

5. Programme systems ready for sale

6. Proescher, Wilfried & Schweikert, Klaus: Schneller Zugriff zu Informationen. In: Bürotechnik + Automation - EDV, Heft 10, 1971

7. Dr. Klaus Schweikert

8. Wilfried Proescher
Bertl Schleith
Prof. C.C. von Weizsäcker

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
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2. The influence of teachers in the "Grundschule" (primary school) on the choice of the secondary school type: "Gymnasium" (grammar school), "Realschule" (intermediate school) or "Hauptschule" (main school)

3. ---

3.1. Study of the influence of teacher variables on the recommendation for and the transfer to secondary schools

3.2. Survey, using a structured questionnaire, of the teachers of a representative random sample of 1,421 pupils in grade 5 in Baden-Württemberg

3.3. Assessment of pupils, school marks, attributes (semantic differential), recommendation, general attitudes, social statistics

4. 1968 to end of 1972

5. Both the recommendations of the teachers and the pupils' actual transfer are highly dependent on the pupil's social class. Middle-class children with the same level of achievement as others enjoy a striking advantage as regards the recommendation for " Gymnasium" or "Realschule" (grammar or intermediate schools).
Attitudes and social statistical variables have no influence.

6. ---

7. Ruth Spitzmüller

8. Dr. Rita Baur
Annemarie Jaeger
Ruth Spitzmüller

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Arbeitsgruppe für Empirische Bildungsforschung
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2. Models of mathematical sociology and their application in empirical educational research

3. Interpretation of the size of transfer rates using multivariable statistical methods

3.1. Modification and supplementation of the models of Colman, Boyle and Goodman

3.2. ---

3.3. Weighted linear and non-linear regression, smallest squares - maximum likelihood - minimum chi - square test estimates taking into account secondary conditions

4. March 1968 to October 1972

5. A set of instruments for methodological evaluation in empirical social research; some applications, using an EDP programme system, in the field of the study of transfer of pupils in Baden-Württemberg to "weiterführende Schulen" (secondary schools)

6. Stumpf, H. & Kurth, H.: Einige Modelle der mathematischen Soziologie und ihre Anwendung. In: Methodische Probleme der empirischen Bildungsforschung, Weinheim 1973

7. Horst Stumpf

8. Fek
Kurth
Mattes
Stumpf

9. Institute for Empirical Educational Research

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1. Arbeitsgruppe für Empirische Bildungsforschung
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2. Simulation model of educational systems

3. The simulation model can be used in planning and decision-making in the sphere of education. On the basis of a transfer rates matrix showing the progress of pupils, students and graduates through the educational system, the whole educational system in its personnel, financial and buildings/equipment components, can be represented by means of models based on data on teacher finance, buildings/equipment and overall finance. In almost all the component models it is possible to draw up a balance indicating where surpluses or deficits exist. The most recent version of the model enables the introduction of collective processes anywhere in the structure of the corresponding educational system

4. Completion May 1972

5. The results were published in Heft 9 of the Diskussionsbeiträge of the Institute in May 1972

6. Simulationsmodell für Bildungssysteme. In: Bildung in Zahlen 5, Weinheim 1972

7. Prof. C.C. von Weizsäcker

8. Wolfram Konrad
Horst Kurth
K. Oh
Hannelore Sutter
Wolfram Sutter

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

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2. Simulation model of the educational system

3. Supplementation of existing models;
Incorporation of an educational time model;
Solution of consistency problems

3.1. Possible quantitative development in pupil numbers and resources (teachers, equipment, costs), consideration of the interdependances

3.2. Alternative estimates using a model of transfer rates; application of optimization procedures

3.3. ---

4. April to December 1974

5. ---

6. ---

7. Prof. C.C. von Weizsäcker

8. K. Oh
C. von Rothkirch
H. Sutter
G. Vosberg

9. Institute for Empirical Educational Research

10. Volkswagenwerk Foundation

1. Studiengruppe für Systemforschung e.V.
(Study Group on Systems Research, registered society)
6900 Heidelberg
Werderstrasse 35 Tel. (06221) 4 32 92

2. Methods of calculating manpower requirements

3. After a detailed examination of existing approaches it was found that studies were necessary on the service sector in particular

3.1. Development of an approach to the study of service sectors which cannot be analysed according to commercial principles

3.2. Elaboration of approaches to a "new political economy" and a theory of "collective decisions"

3.3. Estimate of manpower requirements, private and public sectors

4. February 1972 to February 1974

5. Various papers for internal use on the problems and state of research on the calculation of manpower requirements

6. ---

7. ---

8. Michael Baumann

9. Study Group on Systems Research

10. Federal Ministry of Education and Science

1. Studiengruppe für Systemforschung e.V.
(Study Group on Systems Research, registered society)
6900 Heidelberg
Werderstrasse 35 Tel. (06221) 4 32 92

2. More intensive utilization of university premises

3. a) Compilation of proposals on the more intensive utilization of university premises
b) Drafts of utilization variants
c) Collection and revision of arguments for and against the proposals
d) Establishment of assessment systems and assessment of proposals
e) Draft for a university internal planning system and testing of the system at several universities

3.1. Contribution to the elimination of the numerus clausus (restricted admission to university); reorganization of university teaching work, innovations in university teaching, internal university planning

3.2. ---

3.3. ---

4. February 1971 to January 1972

5. The problem of more intensive utilization of premises cannot be tackled without considering the time, organizational and political aspects. No solution to the numerus clausus can be found in the field of comprehensive planning, since the reasons for the numerus clausus differ from one discipline to another.

6. ---

7. Prof. H. Bittel, Berkeley
Prof. W. Kunz, Heidelberg

8. G. Hermann
K.J. Korpiun
Th. Mann
part-time researchers:
J. Conrad
H.Dehlinger
H.Groh
J.P.Protzen
W.Reuter
E.Rolli
F. Schneider
B.Stünzi
M.Walser

9. Federal Ministry of Education and Science

10. Federal Ministry of Education and Science

1. Studiengruppe für Systemforschung e.V.
(Study Group on Systems Research, registered society)
6900 Heidelberg
Werderstrasse 35 Tel. (06221) 4 32 92

2. Development trends in the use of technology in schools

3. Situation analysis of research and development activities in educational technology and the use of modern technical media in the Federal Republic of Germany; trends in educational technology

3.1. ---

3.2. Two-stage survey of experts

3.3. ---

4. October 1971 to February 1972

5. Analysis of the state of modern educational technology in the Federal Republic of Germany (research and development, use in schools)
Expert opinions on central themes and trends in educational technology

6. Reports of the Study Group on Systems Research (Bericht III and Schlußbericht)
Moderne Unterrichtstechnologie
UTB Verlag 158, 1972

7. R. Coenen

8. H. Bertram
R. Coenen
J. Karst
S. Klein
U. Reese

9. Federal Ministry of Education and Science

10. Federal Ministry of Education and Science
Study Group on Systems Research

1. Studiengruppe für Systemforschung e.V.
(Study Group on Systems Research, registered society)
6900 Heidelberg
Werderstrasse 35 Tel. (06221) 4 32 92

2. Pilot experiments on integrated learning and decision-making processes in schools

3. School experiments within the framework of problem-oriented instruction on the playing of a decision-making game in the form of an organized conflict; verification of hypotheses

3.1. ---

3.2. Experiments in collaboration with the Committee for German at the Weinheim Comprehensive School

3.3. ---

4. Pilot experiment July 1972
Further experiments planned for 1973

5. a) The organized conflict set up under the experiment clearly influenced the decision-making behaviour of 12-year-old children so that after the conflict the children's decisions were based to a greater degree on rational considerations;
b) The change effected in the pupil's decision-making behaviour was also influenced by intellectual, psychological and social variables

6. Short report in the SfS Mitteilungen December 1972, published by the Studiengruppe für Systemforschung e.V., Heidelberg

7. Dr. H. Krauch

8. H. Bertram
J. Karst
H. Krauch
The Committee for German of the Weinheim Comprehensive School

9. Study Group on Systems Research

10. Study Group on Systems Research

1. Institut für die Pädagogik der Naturwissenschaften (IPN)
an der Universität Kiel
(Institute for Education in the Natural Sciences
University of Kiel)
2300 Kiel 1
Olshausenstrasse 40 - 60 Tel. (0431) 59 31

2. Model of a curriculum theory

3. Development and testing of a curriculum theory model

3.1. Model of a curriculum theory

3.2. Analysis of the relevant literature, testing of the model in practice, comparative studies, theoretical analysis, group discussions

3.3. Curriculum theory, curriculum process

4. 1972 to 1974

5. Preliminary results: criteria, set of methodological instruments, sections of the model

6. ---

7. Prof. Karl Frey

8. In co-operation with several IPN projects

9. Institute for Education in the Natural Sciences

10. Volkswagenwerk Foundation
Land Schleswig-Holstein
Federal Ministry of Education and Science

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2. Basic structures for "integrated curricula"

3. Basic structures for the development and application of integrated, interdisciplinary natural sciences curricula

3.1. Critical assessment of various approaches to integration, consequences for the curriculum process

3.2. Studies of the relevant literature, organization of workshops and symposia

3.3. Integrated curricula

4. October 1972 to 1974

5. Preparation of a symposium from 10 - 13 April 1973

6. ---

7. Prof. K. Frey
Dr. P. Häußler

8. Various members of the IPN staff

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2. Curriculum analysis

3. Analysis, using formal methods, of the contents of natural sciences curricula

3.1. Development of a curriculum materials analysis system (CMAS); compilation of a documentation

3.2. Contents analysis,
validation by measurement of the interscorer consistency

3.3. Analysis categories: contents of the curriculum (teaching material and behavioural elements), teaching procedures, adaptability of the individual learner, effectiveness, administration

4. September 1971 to 1973

5. CMAS completed, interscorer consistency measured, documentation in progress

6. IPN research report is in the press

7. Dr.P.Häußler

8. Dr. P. Häußler
J. Pittmann

9. Institute for Education in the Natural Sciences

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Olshausenstrasse 40 - 60 Tel. (0431) 59 31

2. Effect of attitude-modifying measures in natural science teaching on pupil behaviour in the fields of technology, energy and protection of the environment

3. Attitude-modifying measures in teaching designed to develop critical, reflective behaviour in the pupil towards the field of technology

3.1. Reduction of fear of technological phenomena, as well as of admiration of technological progress and indifference to technological developments and their consequences

3.2. Empirical-experimental investigation

3.3. Attitude change, attitude measurement, measures to increase resistance to opinion manipulation, technology, protection of the environment, Rasch model

4. Beginning of 1972 to 1974

5. ---

6. Research report: Wirkung von einstellungsverändernden Maßnahmen im naturwissenschaftlichen Unterricht auf das Verhalten von Schülern im Problemfeld Technik, Energie und Umweltschutz: Planung und erste Ergebnisse. IPN, Kiel 1973

7. Collective
Contact person: Ulrich Kattmann

8. Dr. Lore Hoffmann
Ulrich Kattmann
Hille Lucht
Dr. Hans Spada
Sabine Stich

9. Institute for Education in the Natural Sciences

10. Volkswagenwerk Foundation
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2. Determinants of initial and further motivation with regard to natural science instruction

3. Working out of a basis for a theory of intrinsic motivation (conflict); substantiation of a teaching strategy: empirical evaluation

3.1. Working out of model teaching units

3.2. Empirical evaluation of the approach on a quasi-experimental level as well as "in the field"

3.3. Theory: activation, adaptation, conflict, intrinsic versus extrinsic motivation;
teaching strategy: anomalies, simulation games;
evaluation: emancipatory changes in behaviour

4. End of 1971 to mid-1974

5. Elaboration of the (theoretical) basis of a technology of intrinsically motivated natural science instruction; preliminary report completed

6. Preliminary reports planned in: Arbeitsberichte des IPN, March 1973

7. Collective
Contact persons: J. Lehmann, Tel. (0431) 593 3116
G. Lind, Tel. (0431) 593 3152

8. W. Bürger
R. Höhn
J. Lehmann
M. Lehrke
G. Lind

9. Institute for Education in the Natural Sciences

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2. IPN physics curriculum for the 5th - 10th school years

3. ---

3.1. a) Teaching objectives: independent problem recognition and solving, limits of models, procuring and processing of information; concepts: circuit, energy, steering and regulation
b) Research objectives: working out, structuring and selection of principal ideas, substantiation and precise empirical definition of disposition goals, structural analysis of contents and activities

3.2. Progressive development of the material in successive planning and testing stages, application of a goal level model for structuring products and behaviour

3.3. Curriculum development, test-oriented strategy

4. 1968 to 1975

5. ---

6. List of approx. 30 titles is available

7. Collective
Contact person: Dr. H. Niedderer

8.

Dr. R. Duit	H. Meyerbröker
Dr. H. Härtel	Dr. K. Mie
P. Hölck	Dr. H. Niedderer
Dr. K. Jaeckel	J. Walter
E. Kircher	Prof. W. Westphal

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2. Construction of disposition tests and interpretation of the data on the basis of probabilistic models in the course of developing a physics curriculum

3. ---

3.1. a) Development of systematic procedures for the construction of disposition tests (method: systematic variation of hypothetically assumed determinants of behaviour)
b) Application of the disposition tests in empirical teaching research for the empirical definition of the degree of specification of disposition goals with respect to the simple electrical circuit, as well as for the analysis of long-term changes in dispositions and for the analysis of the problem-solving behaviour of pupils in the field of power/work/energy

3.2. In developing the IPN physics curriculum the aspects relating to contents specified under 3.1. above were isolated. Statistical techniques applied were: correlation analysis; a recently developed, simple, probabilistic test model; Rasch's test model

3.3. Disposition tests, empirical evidence of behavioural dispositions, probabilistic test models

4. Beginning 1969; probable completion 1975

5. ---

6. Niedderer, H.J.: Sachstruktur und Schülerfähigkeiten beim einfachen elektrischen Stromkreis. Kiel, 1972 (Thesis)
Duit, R.: Über langzeitliches Behalten von Verhaltensdispositionen in einem physikalischen Spiralcurriculum. Kiel 1972 (Thesis)
Heyner, W.: Determinanten für das Lösungsverhalten von Schülern bei der Bearbeitung naturwissenschaftlicher Problemstellungen. Report for a conference on teaching methods in Königstein/Taunus, September 1972 (in print)

7. Collective
Contact person: Dr. H.J. Niedderer

8. Dr. D. Duit
W. Heyner
Dr. H. J. Niedderer

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2. IPN biology project:
Units system for the "Orientierungsstufe" (orientation stage, grades 5 and 6)

3. Development of a system of new teaching units complete in themselves and with an integrated structure as innovative models for the teaching of biology in the Federal Republic of Germany

3.1. The aim is to take pupils' interests into consideration, to stimulate awareness of the social significance of biological phenomena, to represent biology as an integrating natural science, and to promote further training of teachers.

3.2. Development of goal systems and associated teaching activities, testing in 2 to 3 sessions, evaluation, revision, iterative approach to an average rate of innovation

3.3. Man-oriented biology teaching, change in attitudes towards other races, sexuality, the behaviour of man and animals, ecology and the protection of the environment, cybernetics and biology; pupil experiments in the field of physiology

4. 1969 to 1973

5. Increase in understanding and emotional security in the sphere of human sexuality, as well as changes in attitudes towards other races (semantic differential), high motivation of pupils, cybernetic formalization of ecological problems, evidence of interest in experimental work on physiological problems

6. References to literature in: Der Biologieunterricht, Heft 4, 1971. Various publications in: Die Praxis der Naturwissenschaften, Biologie (in particular since August 1972, regular brief reports and longer articles)

7. Dr. Gerhard Schaefer

8. Dr. H. Bayrhuber
Dr. K. Dumpert
G. Eulefeld
W. Isensee
U.Kattmann
R.Rimmele
Dr. K. Schilke

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2. Concept building using cybernetic structures

3. Operationalization of some natural science and specifically biological concepts by representing them in appropriate cybernetic structures, demonstration of their effectiveness in teaching by means of empirical-semantic examination

3.1. Precise definition of a system of biological concepts, development of an interdisciplinary formal language

3.2. Free formation of associations, definition of concepts, written tests, transfer studies of structures of formal logic

3.3. Association test, definition of concepts, coefficient of intersection, concept distance,
semantic differential, formal logic, transfer, "growth", "stimulus", "behaviour", "equilibrium", "regulation" etc.

4. Autumn 1970; completion date not certain

5. Cybernetic formalization of the concepts of growth, stimulus, behaviour, equilibrium; demonstration of the educational effectiveness of "growth" in the senior classes and "behaviour" from primary school (blackbox experiments on the "Isomat") and of "equilibrium" from grade 6

6. Der Biologieunterricht 7, Heft 4, 1971
Schaefer, G.: Kybernetik und Biologie. Stuttgart 1972
(provides further bibliographical information)
Phywe-Nachrichten A 129, 1971

7. Dr. G. Schaefer

8. Dr. H. Bayrhuber
Dr. K. Dumpert
R. Rimmele

9. Institute for Education in the Natural Sciences

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2. Analysis, within the framework of teaching research, of thinking operations and learning processes using probabilistic measurement models

3. Thinking operations, learning processes and questions of the specificity to age and subject of the pupil's cognitive structures in working out problems in physics or an integrated natural science curriculum

3.1. Analysis of mistakes in thinking out solutions to natural science problems; analysis of interdisciplinary thinking operations and learning processes; construction and evaluation of a paradigmatic, integrated curriculum unit using interdisciplinary thinking operations and learning processes

3.2. Translation of psychological theories of teaching into formal probabilistic measurement models:
Multi-factor model based on Rasch (1965) and Scheiblechner (1971)
Multi-category model based on Rasch (1966)
Models of automaton theory based on Suppes (1972)
Multiple linear regression programme or multi-variate variance analysis

3.3. Analysis of thinking operations, analysis of learning processes, learning-oriented teaching, psychological teaching theories, integrated natural science curriculum, multi-factor model based on Rasch (1965) and Scheiblechner (1971), multi-category model based on Rasch (1966)

4. July 1972 to 1974

5. Results of the first stage are available: Spada, H.& Häussler, P. & Heyner, W.: Die Analyse von Denkoperationen und Lernprozessen als Grundlage zur Gestaltung lernorientierten Unterrichts. Arbeitsbericht 1, IPN, Kiel 1973

6. Spada, H. & Fischer, G. & Heyner, W.: Denkoperationen und Lernprozesse bei der Lösung physikalischer Problemstellungen, analysiert mit Hilfe eines probabilistischen Meßmodells. In: Eckensberger (Ed.): Ber. 28 Kong. d.D.G.f.Psychol., Saarbrücken 1972. Göttingen 1973 (in the press)

7. Dr. H. Spada

8. Dr. Peter Häussler
Wolf Heyner
Dr. Lore Hoffmann
Dr. Hans Spada

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2. IPN chemistry curriculum for the "Orientierungsstufe"
(orientation stage, grade 5 and 6)

3. Chemistry teaching for the orientation stage in schools of general education with reference to material from related subjects

3.1. The aim is: to begin the teaching of natural science earlier taking into account psychological experience and facts about the teaching of natural science subjects

3.2. Operationalization of learning objectives and iterative optimization of instruction

3.3. Teaching guidelines with general and specific learning objectives, learning-oriented tests, pupil-centred teaching based on phenomenology

4. 1969 to 1973

5. Natural science teaching is possible at this level without differentiating according to type of school

6. IPN project group CU 5/6:
IPN chemistry curriculum C.1
The four instruction units for grade 5:
Stuttgart 1971, Klett Nr. 78032 and 78042;
Stuttgart 1972, Klett Nr. 78052 and 78062

7. Collective
Contact person: Theodor Tyczweski

8. Theodor Tyczewski
Bernhard Wegener

9. Institute for Education in the Natural Sciences

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2. Development of a chemistry curriculum for grade 8 to 13 at the "Gymnasium" (grammar school)

3. ---

3.1. The curriculum is designed, as regards contents and logical and semantic aspects, as a model for the teaching of chemistry. An empirical study will be made, using this curriculum, of problems of science teaching and the training and further training of teachers.

3.2. A number of tests will be carried out on the curriculum. After each test it will be revised on the basis of observations during teaching, and achievement and attitude measurements.

3.3. Study of the conditions necessary for teaching to be successful. Motivation of pupils through the subject-matter

4. August 1969 to end 1977

5. Completion of the curriculum development for grade 8 and 9

6. ---

7. Johann Weninger

8. Werner Dierks
Rudolf Künzli
Hille Lucht
Wolfgang Marcus
Helga Pfundt

9. Institute for Education in the Natural Sciences

10. Volkswagenwerk Foundation
Land Schleswig-Holstein
Federal Ministry of Education and Science

1. Universität Konstanz, Zentrum I Bildungsforschung
Sonderforschungsbereich (SFB) 23
(University of Konstanz, Educational Research Centre I,
Special Research Area 23)
7750 Konstanz
Eichhornstrasse 9
Postfach 733 Tel. (07531) 88-1

2. Participation and socialization

3. ---

3.1. The project's aim is to develop orientation aids for and approaches to independent political action in the school sector on the basis of an analysis of actual processes and strategies of participation and the ensuing conflicts caused by opposing interests, in order to promote changes in the education system

3.2. Political and economical analysis, systems analysis, case study

3.3. ---

4. 1970 to 1975

5. See research reports on Special Research Area 23

6. Büchner, P.: Schulreform durch Bürgerinitiative.Möglichkeiten und Grenzen von Gesamtschulversuchen. List, München 1973
Briese, V. & Büchner, P. & Hage, P.: Bildungspolitik im gesellschaftlichen System der BRD. Analyse von Reformstrategien im Ausbildungssektor. Athenäum, Frankfurt 1973

7. Dr. Peter Büchner

8. Dr. Volker Briese
Hartmut Mausch
Klaus von Trotha

9. Project within the Special Research Area

10. German Research Association

1. Universität Konstanz, Zentrum I Bildungsforschung
Sonderforschungsbereich (SFB) 23
(University of Konstanz, Educational Research Centre I,
Special Research Area 23)
7750 Konstanz
Eichhornstrasse 9
Postfach 733 Tel. (07531) 88-1

2. Attitudes of teachers - the formation and change of student teachers' attitudes related to education and schools

3. ---

3.1. What changes take place during university training in the attitudes, values, interests and other non-professional orientations of student teachers in particular? What are the goals of university lecturers as regards the aforementioned variables? What are the conditions responsible for the stability or change of attitudes in the course of teacher training? What improvements must be made in order to bring about desirable changes more efficiently and directly?

3.2. Attitude-scales will be applied and personality tests and a questionnaire survey will be carried out on a total of 6,000 probationary teachers in Baden-Württemberg. A cross-section survey of senior pupils, students at teacher training colleges and universities and young teachers as well as various control groups will be carried out. A longitudinal study will be made of student teachers and other grammar-school leavers throughout their training and in their first period of professional employment. Lecturers at teacher training colleges will also be interviewed and tested. Variance, factor and regression analysis will be the principal methods used in the evaluation

3.3. Educational research, research on universities, socialization, teacher training, attitude research, attitudes towards school and education, social science ecology, longitudinal and cross-section methods

4. 1967 to approx. 1977

5. At the time of choice of career in the senior classes there are virtually no differences between prospective teachers and their fellow-pupils. Not till the beginning of professional employment do some characteristics appear which are typical of teachers in general as against non-teachers. More important, however, appear to be sex-specific differences within the teacher groups at all stages of training. Particularly interesting is the finding, confirming similar findings in other countries, that during their university careers the attitudes of young teachers generally change in a "progressive" or "liberal" direction, but that, on entering their profession, this process is largely reversed.

6. Koch, J.-J. & Müller-Fohrbrodt, G. & Cloetta, B.: Ein Verfahren zur Messung schul- und erziehungsbezogener Attitüden: Der Konstanzer Fragebogen für Lehrereinstellungen (KLE). In: Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie 3, 1971, pp. 136-151
Koch. J.-J. & Peifer, H.: Sozialpsychologische Aspekte einer Reform der zweiten Phase der Lehrerbildung. In: Die Deutsche Schule 63, 1971, pp. 435-449
Müller-Fohrbrodt, G. & Dann, H.-D.: Zum Problem der Notengebung: Selbstbeurteilung von Zeugnisnoten. In: Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie 3, 1971 pp. 241-252
Cloetta, B. & Dann, H.-D. & Müller-Fohrbrodt, G. & Peifer, H.: Lehrerausbildung - Einstellungen als Bildungsziele. In: Mitteilungen 3, Deutsche Forschungsgemeinschaft, 1972, pp.56-60
Dann, H.-D.& Müller-Fohrbrodt, G.: Einige Ursachen und Folgen der Benotungspraxis an Gymnasien. In: Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie 4, 1972, pp. 261-270
Koch, J.-J.: Lehrerstudium und Beruf. Einstellungswandel in den beiden Phasen der Ausbildung. Ulm 1972
also in: Forschungsberichte 1, Universität Konstanz, Zentrum I Bildungsforschung, SFB 23, 1972
Koch,J.-J. & Cloetta, B. & Müller-Fohrbrodt, G.: Konstanzer Fragebogen für Schul- und Erziehungseinstellungen (KSE). Weinheim 1972
Cloetta, B.: Ein Fragebogen zur Erfassung von Machiavellismus und Konservatismus. In: Eckensberger, L. (Ed.): Bericht über den 28. Kongreß der Deutschen Gesellschaft für Psychologie in Saarbrücken 2.-5. Oktober 1972. Göttingen (in print)
Koch, J.-J. & Cloetta, B. & Müller-Fohrbrodt, G.: Entstehung und Veränderung von Schul- und Erziehungseinstellungen bei Lehreraspiranten. In: Reinert, G. (Ed.): Bericht über den 27. Kongreß der Deutschen Gesellschaft für Psychologie in Kiel, 21.-24. September 1970. Göttingen (in print)

7. Dr. Hanns-Dietrich Dann

8. Bernhard Cloetta — Dr. Gisela Müller-Fohrbrodt
Dr. Hanns-Dietrich Dann — Helmut Peifer
Reinhard Helmreich

9. Project within the Special Research Area

10. German Research Association

1. Universität Konstanz, Zentrum I Bildungsforschung
Sonderforschungsbereich (SFB) 23
(University of Konstanz, Educational Research Centre I,
Special Research Area 23)
7750 Konstanz
Eichhornstrasse 9
Postfach 733 Tel. (07531) 88-1

2. Socialization effects of different types of school

3. Studies of the consequences (individual and social) of the school selection process on the self-image, aspirations, achievement motivation, achievement ideology, attitude to school and position in the informal social structure

3.1. ---

3.2. Questionnaire survey of approximately 3,000 pupils at all types of school (including comprehensive schools, so that a comparison with the traditional school system can be made)

3.3. Socialization
School comparison
Comprehensive school

4. 1970 to 1975/76

5. At present: study papers for internal use (Monographien zur schulischen Sozialisation 1 - 17)
Lernsteuerungssysteme und Schulorientierungen. Ein Bericht über eine Untersuchung an 300 Konstanzer Gymnasiasten. In: Reihe B, Band 6 des SFB (no precise data given)

6. ---

7. Dr. Helmut Fend

8. Wolfgang Knörzer
Dr. Willibald Nagl
Werner Specht
Roswith Väth-Szusdziara

9. Project within the Special Research Area

10. German Research Association

1. Universität Konstanz, Zentrum I Bildungsforschung
Sonderforschungsbereich (SFB) 23
(University of Konstanz, Educational Research Centre I,
Special Research Area 23)
7750 Konstanz
Eichhornstrasse 9
Postfach 733 Tel. (07531) 88-1

2. Educational careers and outlook on life of university graduates

3. Graduate and comparable non-graduate occupational groups (aged about 30) were surveyed according to educational careers and conceptions of problems not related directly to their own profession

3.1. a) Information on factors influencing the course of group-specific educational careers
b) Information on and analysis of the possible influence of university education on awareness and interpretation of social conditions and processes

3.2. Intensive interviews, tape-recorded interviews, written questionnaires, scales, statements catalogue, analysis of documentary evidence

3.3. The reality and revelance of expectations concerning non-subject education at universities;
assessments of university education;
conceptions of social structure;
multi-national research design in collaboration with fellow-researchers in Holland, Israel, Yugoslavia, Austria and Poland;
panel method

4. 1968; completion of 1st phase (preliminary studies): 1973
2nd phase (pilot): 1974
3rd phase (panel): approx. 1980

5. Cultural, society-specific, education-specific variations

6. Approx. 20 research reports (list is available)

7. Prof. H. Peisert

8. T. Bargel
G. Framheim
Dr. P. Kellermann
J.-U. Sandberger

9. Project within the Special Research Area

10. German Research Association

1. Universität Konstanz, Zentrum I Bildungsforschung
Sonderforschungsbereich (SFB) 23
(University of Konstanz, Educational Research Centre I,
Special Research Area 23)
7750 Konstanz
Eichhornstrasse 9
Postfach 733 Tel. (07531) 88-1

2. Regional structures of educational participation

3. ---

3.1. Analysis and description of educational participation in the secondary school sector

3.2. Secondary analysis of official statistics (census, school statistics, financial statistics etc);
socio-ecological structural analyses of educational participation;
analysis of typical social behaviour with regard to educational participation;
multi-level analysis;
construction of "regions of equal educational participation"

3.3. ---

4. Beginning: summer 1969; probable completion: summer 1975

5. Study paper 1:AGRE -Ein Programmsystem zur Aggregation von Regionen
Study paper 2:BB 70-Ein Programm zur Auswertung von Volkszählungsdaten für die Bildungsforschung

6. ---

7. Prof. Hansgert Peisert

8. N. Kämpfe
H.-U. Raab
M. Wunberg

9. Project within the Special Research Area

10. German Research Association

1. Universität Konstanz, Zentrum T Bildungsforschung
Sonderforschungsbereich (SFB) 23
(University of Konstanz, Educational Research Centre I,
Special Research Area 23)
7750 Konstanz
Eichhornstrasse 9
Postfach 733 Tel. (07531) 88-1

2. Speech habits of academic groups (research into the communication behaviour of students and university teachers)

3. ---

3.1. Description of the class-specific and socialization- and personality-conditioned speech habits of students, in particular in university courses. Development of recommendations for university teaching with special reference to communicative behaviour, in particular in view of the ability to exercise and resist influence in the teaching process

3.2. Study, using empirical social research methods, of connections between spoken language (tape recordings) and, on the other hand, characteristics of socialization, personality and university teaching

3.3. Social linguistics, university teaching, equality of opportunity

4. 1969 to 1976

5. Some findings on the dependence on social class of students' speech habits at various stages in their university careers; some findings on the dependence on social class of the vocabulary of school-leavers with "Abitur" certificates

6. Projektberichte 1 - 4: Sozialisationsbedingte Wortschatzstrukturen, Sozialabhängige Sprachleistungen von Studenten, Zur Kommunikation im Universitätsseminar, Die Type-Token-Ratio als Methode der quantitativen Linguistik (no precise data given)

7. Prof. Wolf-Dieter Stempel

8. Klaus Gloy
Dr. Urs Haeverlin
Frank Krause
Gunter Presch
Annemarie Strubelt

9. Project within the Special Research Area

10. German Research Association

1. Fachbereich Gesellschaftswissenschaften der
Philipps-Universität Marburg
Studiengangseinheit Erziehungswissenschaft
(Social Sciences Sector of the Philipp University
of Marburg, Department of Educational Science)
3550 Marburg/Lahn
Krummbogen 28 B II Tel. (06421) 69 47 26

2. Aspects of the problem-solving behaviour of backward children and the significance of different kinds of verbal expression of the teacher for the promotion of problem-solving thinking in natural science lessons at special schools for backward children

3. ---

3.1. a) The aim of the project is to study the problem-solving achievement of backward children at special schools for handicapped children (senior classes) as well as the factor determining the problem-solving achievement (age, I.Q., length of attendance of special school, school performance)
b) The aim is further to determine what factors in the teacher's verbal behaviour in natural science lessons promote the problem-solving ability of backward children at special schools. Principal hypotheses: problem-solving achievement in backward children at special schools is positively associated with higher I.Q., longer school attendance and good school performance. Problem-solving achievement is negatively associated with the total amount of emphatic verbal behaviour in the teacher and positively associated with a presentation of problems by the teacher which covers a wide range of aspects

3.2. Combination of class-room observation (field research) and use of tests. Tape-recordings were made of six 40-minute lessons with senior classes in natural science in which all the children were given a problem-solving test. The tape-recordings were transcribed, aspects of the teacher's verbal behaviour operationalized and compared with the problem-solving achievement

3.3. ---

4. October 1971 to May 1972
Completion of the report: January 1973

5. The backward children at special schools surveyed in the study are for the most part (approx. 61%) capable of solving problems (test).
It was found that good problem-solving achievement was associated with higher I.Q., longer special school attendance, good school performance and higher age. Good problem-solving achievement was associated negatively with a high degree of general verbal behaviour in the teacher, and positively associated with the teacher's ability to cover a wide range of aspects in his presentation. The I.Q. is of great importance.

6. ---

7. Project leader: Prof. W. Klafki

8. Hartmut Willand

9. ---

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6. ---

7. Project leader: Prof. W. Klafki

8. Hartmut Willand

9. ---

10. German Research Association

1. Deutsches Jugendinstitut
(German Youth Institute)
8000 München 40
Infanteriestrasse 13
Postfach 400425 Tel. (089) 19 40 43

2. Educational programmes for parents, description and analysis,
- study of participants

3. ---

3.1. ---

3.2. a) Survey of participants (e.g. data on socio-economic composition, expectations in such programmes, educational conceptions and practice)
b) Survey of lecturers
c) Analysis of methods and teaching practices of educational programmes for parents

3.3. ---

4. January 1972 to mid-1974

5. The preliminary results will be incorporated in the second Report on Families to be published by the Federal Government

6. ---

7. ---

8. Gunda von Troschke

9. German Youth Institute

10. German Youth Institute

1. Deutsches Jugendinstitut
(German Youth Institute)
8000 München 40
Infanteriestrasse 13
Postfach 400425 Tel. (089) 19 40 43

2. Curriculum for social learning in pre-school education (preliminary title)

3. Development of a curriculum

3.1. Promotion of independent and competent thought and action in children for present and future life-situations

3.2. Action research; co-operation as far as possible on an equal basis between all scientists and teachers participating in the project

3.3. Life-situation, independence, action competence, socio-economically disadvantaged children, teaching units, "open" curricula

4. 1970 to 1974

5. Sets of teaching units which will be improved and evaluated over several stages

6. Arbeitsgruppe Vorschulerziehung: Anregungen I. Zur pädagogischen Arbeit im Kindergarten. Juventa Verlag München 1973
Anregungen II. Zur Ausstattung des Kindergartens. Juventa Verlag, München 1973

7. Jürgen Zimmer

8.
Richard Auernheimer
Heide Bambach
Ruth Gerstacker
Rita Haberkorn
Uli Hagemann
Peter Hemmer
Barbara Krösche
Wolfgang Liegle
Jens Lipski
Matthias Obereisenbuchner
Susanne Pelzer
Ingrid Porttner
Hedwig Schrader
Hartmut Walther
Jürgen Zimmer

9. Ministries of Social Affairs of the Laender Hesse and Rhineland-Palatinate

10. Ministries of Social Affairs of the Laender Hesse and Rhineland-Palatinate
German Youth Institute
Federal Ministry of Education and Science

1. Deutsches Jugendinstitut
(German Youth Institute)
8000 München 40
Infanteriestrasse 13
Postfach 400425 Tel. (089) 19 40 43

2. Survey of models of curriculum development in the "Elementarbereich" (elementary sector, pre-primary education)

3. Report on and evaluation of approaches to the development of curricula for pre-school education in the Federal Republic of Germany

3.1. Survey, as comprehensive as possible, of current curriculum developments for the "Elementarbereich"

3.2. Questionnaires and targeted interviews

3.3. Unstructured questionnaires and interviews on questions of organization, contents and technical data; development of a curriculum theory frame of reference for the interpretation of results;
proposals on priorities for pre-school curriculum development

4. Mid-1972 to March 1973

5. Report for the Federal Ministry of Education and Science;
Account and evaluation of approaches and models of curriculum development in the elementary sector

6. ---

7. Jürgen Zimmer

8. Heide Bambach
Wolfgang Liegle
Jens Lipski
Ingrid Porttner

9. Federal Ministry of Education and Science

10. Federal Ministry of Education and Science

1. Institut für Nachrichtentechnik
Technische Universität München
(Institute of Information Technology
Technical University of München)
8000 München 2
Arcisstrasse 21 Tel. (089) 2105 8383

2. Study of the structure of children's groups using directional information variables

3. ---

3.1. Description of the socio-metric structure of groups of children as a function of different types of manipulation of the rate of interaction

3.2. The structure of social groups will be quantified by directional information variables (transinformation)

3.3. Group dynamics, sociometrics, theory of bi-directional communication, children in kindergartens, groups of five: four friends and one outsider, incorporation of the outsider by means of an integrating strategy, or re-inforcement

4. July 1970 to December 1972

5. ---

6. Neuburger, E.: Theorie der bidirektionalen Kommunikation. (no precise data)

7. Dr. E. Neuburger

8. Dr. G. Czermak
R. Mazur

9. German Research Association

10. German Research Association

1. Institut für Unterrichtsmitschau und
didaktische Forschung
(Institute of Class-room Observation and Teaching Research)
8000 München 81
Arabellastrasse 1 Tel. (089) 92 14 23 28

2. Detailed analysis of longitudinal studies

3. During the 1970/1971 school year a comperative longitudinal study of the process of learning to read in the first school year was made. At an interval of about 4 weeks two first-year classes came to the Institute where lessons were documented on film. Their two teachers differed in age and style of leadership, their ideas on what teaching in the first year should aim at and in their views on the purpose of the film recordings

3.1. The projects' aim is to make an empirical contribution on the relation between change and consistency in the behaviour of teachers and pupils,

3.2. Development of a system of categories, checking of the system for objectivity and reliability, analysis of tne recordings of the lessons

3.3. Television viewing of class-room instruction, longitudinal study, recording of lessons, first year reading lessons

4. November 1971 to June 1973

5. ---

6. ---

7. Prof. A. O. Schorb

8. Brigitte Louis

9. Institute of Class-room Observation and Teaching Research

10. Volkswagenwerk Foundation

1. Institut für Unterrichtsmitschau und didaktische Forschung
(Institute of Class-room Observation and Teaching Research)
8000 München 81
Arabellastrasse 1 Tel. (089) 92 14 23 28

2. Scientific evaluation of Telekolleg II (television-based multi-media vocational extension course)

3. ---

3.1. Profile of the sociographical characteristics of participants in Telekolleg II; study of the drop-out rate and investigation of causes; continous lesson-related assessment of learning success as a prerequisite for a direct assistance to learning; evaluation of the teaching system

3.2. Sociographical surveys: direct open interviews concerning learning results and learning problems; survey of learning behaviour and investigation of quantitative assessments concerning the approach and methods of the educational television programmes

3.3. Telekolleg multi-media approach, assessment of students' performances, evaluation, drop-outs, sociography

4. May 1972 to July 1974

5. Sociographic characteristics of participants in Telekolleg II, sociographic shifts as a result of drop-outs in the first term, evaluation of the first term of the course

6. First report on the findings of the scientific evaluation of Telekolleg II.
Period covered by the report: the first term (unpublished but obtainable from the Institute on request)

7. Prof. A. O. Schorb

8. Ute Skakowski
Gerth Stecher

9. ---

10. Federal Ministry of Education and Science
in association with the Laender Baden-Württemberg, Bavaria, Rhineland-Palatinate and Saarland

1. Joint project of the following institutions:
   a) Institut für Unterrichtsmitschau und didaktische Forschung
   (Institute of Class-room Observation and Teaching Research)
   8000 München 81
   Arabellastrasse 1 Tel. (089) 92 14 23 28

   b) Institut für Film und Bild
   (Institute for Film and Pictorial Material)
   8022 Grünwald
   Bavaria-Film-Platz Tel. (0811) 6 49 71

2. Development and testing of TV-recordings of class-room instruction for teacher training, further training for teachers and educational research

3. Production of 200 recordings

3.1. There are detailed plans for the following:
120 recordings showing mainly the course of lessons;
30 recordings documenting successful pioneer developments and models for discussion of new types of schools or instruction in the Laender of the Federal Republic of Germany;
50 thematic-systematic combinations of extracts showing comparable situations from different recordings

3.2. The individual recordings will be supplemented by accompanying material (preliminary and follow-up surveys of the class, the teacher and the theme; protocols of the discussion during lessons; information on the use and evaluation of the recordings) and context media (sets of slides, tape-recordings, transparencies for overhead projection)

3.3. Teacher training, teacher further training, recording of lessons

4. July 1972 to June 1975

5. ---

6. Continuous delivery of the films and the accompanying material by the Institute for Film and Pictorial Material

7. Prof. Cappel
Prof. A. O. Schorb

8. Project groups in both Institutes

9. ---

10. Federal Ministry of Education and Science in association with the Federal Laender

1. Institut für Unterrichtsmitschau und didaktische Forschung
(Institute of Class-room Observation and Teaching Research)
8000 München 81
Arabellastrasse 1 Tel. (089) 92 14 23 28

in association with

Bavarian Radio
TR-Verlagsunion
Bavarian Ministry of Education and Cultural Affairs

2. Lehrerkolleg Unterrichtsanalyse
(Multi-media instructional system for in-service teachers: analysis of teaching processes)

3. Systematic observation of TV-recordings of class-room instruction;
study, including theoretical explanation and observation of consequences, of important factors in the teaching process in their natural context

3.1. Training in objective observation of lessons and promotion of the use of teaching methods appropriate to the situation

3.2. Parts of the lessons, observation and working papers, reports on literature and discussions will be spread according to considerations of teaching methodology over television programmes, study material and a final seminar (multi-media approach)

3.3. Class-room observation by TV, analysis of lessons, teacher training, further training of teachers, multi-media approach

4. September 1972 to April 1973

5. ---

6. Unterrichtsanalyse Band I und II, 1972, TR-Verlagsunion
(no precise data given)

7. Brigitte Louis
Prof. A. O. Schorb

8. Brigitte Louis
Annedore Rummel
Prof. A.O.Schorb
Karl Segerer
Dr. Eva Weidler

9. Bavarian Radio

10. Bavarian Radio
Institute of Class-room Observation and Teaching Research

1. Staatsinstitut für Bildungsforschung und Bildungsplanung
(Bavarian Institute of Educational Planning and Research)
8000 München 81
Arabellastrasse 1 Tel. (089) 92 14 23 75

2. Scientific evaluation of the comprehensive school experiments in Bavaria

3. ---

3.1. Study of the effect of experiments on changes in motivation, school achievement and social behaviour. Some of the most important experiments are:
a) stabile and flexible differentiation according to school achievement
b) formation of learning groups which are not based on traditional divisions according to school types

3.2. Empirical survey of pupils (approx. 20,000), parents and teachers from Bavarian comprehensive schools and their "comparison schools", partial investigations of the experimental and control groups; no intervention in the school experiments; multi-variants methods, EDP

3.3. Scientific evaluation of comprehensive school experiments

4. 1970 to 1975

5. ---

6. ---

7. Dr. D. Krywalski

8. R. Dietz
G. Franke
G. Gerngross
A.Hausruckinger
J. Lukatsch

9. Bavarian Ministry of Education and Cultural Affairs

10. Bavarian Ministry of Education and Cultural Affairs

1. Staatsinstitut für Bildungsforschung und Bildungsplanung
(Bavarian Institute of Educational Planning and Research)
8000 München 81
Arabellastrasse 1 Tel. (089) 92 14 23 75

2. Study of the conditions for improving opportunities for school education in a structurally weak region (Bayerischer Wald)

3. ---

3.1. The aim of the study is to test methods and obtain information that can be used in educational planning for the whole of Bavaria;
survey of all schools in the region under study and all pupils according to place of residence and social background, with the object of determining educational participation

3.2. Evaluation, in tabular form, of the whole survey, analysis of data of the Land Statistical Office; testing of mapping procedures using EDP

3.3. Improvements of educational opportunities

4. 1970 to 1973

5. An interim report (31 pages) on the progress of the project has been submitted to the Bavarian Ministry of Education and Cultural Affairs. Annex: tables and maps

6. ---

7. Prof. R. Ritter

8. Dr. W. Nowey

9. Bavarian Institute of Educational Planning and Research

10. Bavarian Institute of Educational Planning and Research

1. Staatsinstitut für Bildungsforschung und Bildungsplanung
(Bavarian Institute of Educational Planning and Research)
8000 München 81
Arabellastrasse 1 Tel. (089) 92 14 23 75

2. The state of adult education in Bavaria

3. ---

3.1. Investigation of:
a) Type, contents, range and duration of adult education programmes and activities
b) Regional dispersion of supply and demand
c) Number and type of sponsors, and their personnel and financial resources
d) Application of educational technology

3.2. Empirical and statistical analysis: factor analysis, evaluation in tabular form, correlation analysis

3.3. Survey of adult education

4. 1968 to 1971

5. All the survey material and the findings have been published

6. Meister, Joh.-Jürgen: Erwachsenenbildung in Bayern.
Ernst Klett Verlag, Stuttgart, 1972,
(with tables and graphs)

7. Prof. A.O. Schorb

8. Dr. J.J. Meister

9. Bavarian Ministry of Education and Cultural Affairs
(commissioned by the Bavarian Landtag)

10. Bavarian Institute of Educational Planning and Research

1. Staatsinstitut für Bildungsforschung und Bildungsplanung
(Bavarian Institute of Educational Planning and Research)
8000 München 81
Arabellastrasse 1 Tel. (089) 92 14 23 75

2. Between school and career

3. A study of school achievement and occupational sectors

3.1. Determination in the light of social and regional factors of:
a) Results of the final qualifying examination in the "Hauptschule" (main school)
b) Correlations between pupils' levels of attainment and their further vocational or school education
c) Influences on the choice of career, and possible categories of occupational sectors for main school leavers who have passed their final examination

3.2. Empirical survey of a random sample (4,032 pupils); processing of the results by hand and EDP, analysis of contingency tables, factor and regression analysis

3.3. School achievement in the "Hauptschule" (main school) and choice of career

4. 1970 to 1972

5. Information on school-marks profiles of pupils, connection of level of achievement with chosen career or school of further education; social and regional factors influencing the choice of career

6. Anticipated publication in the "Studien und Materialien des Staatsinstituts". Ehrenwirth Verlag München, 1973

7. Prof. A. O. Schorb

8. Dr. W. Nowey

9. Bavarian Institute of Educational Planning and Research

10. Bavarian Institute of Educational Planning and Research

1. Staatsinstitut für Bildungsforschung und Bildungsplanung
(Bavarian Institute of Educational Planning and Research)
8000 München 81
Arabellastrasse 1 Tel. (089) 92 14 23 75

2. Differences in educational participation in Bavaria

3. ---

3.1. The study's aim is to show that simple measures capable of immediate implementation, such as the improvement of parent counselling, can effectively reduce social inequalities connected with the transfer to "weiterführende Schulen" (secondary schools).

3.2. Empirical survey of a sample (15,000 pupils) of grades 4 to 9; selection procedure: random; evaluation in tabular form, correlation analysis, chi-square tests

3.3. Improvement of educational participation

4. 1971 to 1972

5. Improvement in school organization; reduction of class-sizes in the transfer age-groups, use of teaching media, modernization of parent counselling

6. Anticipated publication in the Schriftenreihe des Staatsinstituts, Ernst Klett Verlag, Stuttgart, 1973 (continuation of : Schorb & Schmidbauer: Bildungsbewegung und Rahmenstruktur, Stuttgart, 1969)

7. Prof. A.O. Schorb

8. Dr. Michael Schmidbauer

9. Bavarian Institute of Educational Planning and Research

10. Bavarian Institute of Educational Planning and Research

1. Wissenschaftliches Institut für Jugend- und Bildungsfragen in Film und Fernsehen
(Scientific Institute for Youth and Educational Questions in Film and Television)
8000 München 2
Waltherstrasse 23 Tel. (089) 53 30 20

2. Use of career guidance aids issued by the Bundesanstalt für Arbeit, Nürnberg (Federal Institute of Labour)

3. ---

3.1. Application, conditions of application and use of the printed and audio-visual career guidance aids (selected) issued by the Federal Institute of Labour for use in the "Hauptschule" (main school), for 13-to 15-year-old pupils of the "Hauptschule" and their parents and teachers

3.2. Ex post facto design; multi-variate lay-outs (factor analysis, multiple regression)

3.3. Vocational training

4. January 1970 to November 1971

5. ---

6. Unpublished (cyclostyled) U 86: Einsatz und Verwertung von Berufsaufklärungsmitteln der Bundesanstalt für Arbeit, Nürnberg, November 1971
a) Introduction and summary, 17 pages
b) Career guidance, entry into employment and career attitudes of main school leavers from München, 44 pages
c) Utilization of career guidance aids, 12 pages
d) Career conceptions, career choice and social mobility, 67 pages
e) Career guidance measures to prepare the pupil for choice of career, 32 pages

7. Prof. Martin Keilhacker

8. Wolfgang Bullerdiek
Prof. Martin Keilhacker
Wolfgang R. Salzmann
Horst Schusser

9. Federal Institute of Labour

10. Federal Institute of Labour

1. Wissenschaftliches Institut für Jugend- und Bildungsfragen in Film und Fernsehen
(Scientific Institute for Youth and Educational Questions in Film and Television)
8000 München 2
Waltherstrasse 23 Tel. (089) 53 30 20

2. Study of the television programmes "Baff" and "Man in Metropolis"

3. Determination of the reactions of adolescents from different groups to the above programmes. Television as part of leisure activities, programme preferences etc.

3.1. ---

3.2. Field study (showing of films and interviews with adolescents), quantitative evaluation (variables: place of residence town/country, sex, level of education)

3.3. Research on young people

4. May to July 1971

5. Different reactions (comprehension, appraisal) in adolescents with different levels of education. No sex-specific reactions, average television consumption approx. 1-2 hours 6-7 times a week

6. Untersuchung der Fernsehsendungen "Baff" und "Man in Metropolis". Oktober 1971, 39 pp. + 52 pp. appendix, cyclostyled
Jugend und Fernsehen. Eine internationale Untersuchung über die Urteile der Juries, die Intentionen der Produzenten und die Reaktionen junger Zuschauer, dargelegt am Beispiel der preisgekrönten Sendungen des Prix Jeunesse 1970 "Man in Metropolis" und "Baff". In:
Heft 6 der Schriftenreihe des Intern. Zentralinstituts für das Jugend- und Bildungsfernsehen, München 1972, 173 pp.

7. Dr. Günther Vogg

8. Ulrike Dauer
Margarete Keilhacker
Dr. Günther Vogg

9. Prix Jeunesse Foundation, München

10. Prix Jeunesse Foundation, München

1. Wissenschaftliches Institut für Jugend- und Bildungsfragen in Film und Fernsehen
(Scientific Institute for Youth and Educational Questions in Film and Television)
8000 München 2
Waltherstrasse 23 Tel. (089) 53 30 20

2. Television in the pre-school age-groups:
Empirical study of the function and effect of television on children of pre-school age

3. ---

3.1. The aim of the study is to provide information on the attitudes to television and the television habits and consumption of children between 3-and 6-year-old, and also on learning effects, creative activity, social behaviour, negative play behaviour, fear

3.2. Questionnaire survey;
experimental study: learning achievement test after showing of films, observation methods, intelligence tests

3.3. Research on children and young people

4. Spring 1970 to autumn 1971

5. ---

6. Das Fernsehen im Vorschulalter. Empirische Studie über Funktion und Wirkung des Fernsehens bei Kindern im Vorschulalter. Ergebnisbericht. München. Februar 1972
Abridged version: 20 pages
Full version: 87 pages + 100 pages appendix

7. Dr. Günther Vogg

8. Marita Firnkes
Margarete Keilhacker
Dr. Günther Vogg

9. Bavaria and Baden-Württemberg Land Youth Offices and Land Offices for the Protection of Youth

10. Bavaria and Baden-Württemberg Land Youth Offices and Land Offices for the Protection of Youth
Scientific Institute for Youth and Educational Questions in Film and Television

1. Deutsches Institut für wissenschaftliche Pädagogik
(German Institute of Educational Science)
4400 Münster (Westfalen)
Kardinal-von-Galen-Ring 45 Tel. (0251) 40771/2

2. Regional religious education centres -
Organization model for the development of "open curricula" for religious instruction

3. ---

3.1. Model of a practice-oriented curriculum for religious instruction, testing of forms of co-operation and communication between science-practice-administration, testing of methods of legitimizing curriculum decisions

3.2. The investigation will take place in the following stages:
- theoretical concept for an organization to work on the reform of the religious instruction curriculum
- development of a framework concept for regional religious education centres
- implementation of specific individual variants of the concept, scientific evaluation of such experiments

3.3. ---

4. July 1972 to 1975 (first stage of the project)

5. ---

6. Organisation der Arbeit am Curriculum für den katholischen Religionsunterricht. In: DIP Information 2, Münster 1972

7. Dr.Doris Knab

8. Reiner Baumann
Dr. Doris Knab
Gertrud Stapel

9. German Institute of Educational Science

10. German Institute of Educational Science

1. Deutsches Institut für wissenschaftliche Pädagogik
(German Institute of Educational Science)
4400 Münster (Westfalen)
Kardinal-von-Galen-Ring 45 Tel. (0251) 40771/2

2. Further training of teachers

3. ---

3.1. a) Preparation of a catalogue of institutions providing further training for teachers
b) Statistics on the present range of courses providing further training for teachers
c) Construction of models for the further training of teachers with the aim of achieving an optimal degree of correspondence between theory and practice

3.2. Empirical evaluation of programmes; description of existing models in the sphere of further training of teachers on an international basis, model construction, evaluation

3.3. ---

4. July 1971 to May 1973 (first stage of the investigation)
Mid-1973: beginning of follow-up studies (date of completion not known)

5. ---

6. ---

7. Dr. Ulrich Kröll, project spokesman

8. Karl-Heinz Hochwald (part-time)
Dr. Ulrich Kröll

9. German Institute of Educational Science

10. German Institute of Educational Science

1. Deutsches Institut für wissenschaftliche Pädagogik
(German Institute of Educational Science)
4400 Münster (Westfalen)
Kardinal-von-Galen-Ring 45 Tel. (0251) 40771/2

2. Topography of catholic educational initiatives in the Federal Republic of Germany

3. ---

3.1. Survey of catholic institutions and establishments for educational research, planning, development and administration, including the orientation of their work, competencies and reasons for their activities

3.2. Empirical survey of questionnaires; (possibly) evaluation in tabular form

3.3. ---

4. Beginning September 1971

5. Questionnaire programme completed; evaluation of the material is still in progress; approx. 400 forms with detailed information are available at the moment

6. ---

7. Prof. Michael Schmolke

8. Dr. Horst Hoffelner
Heinz Neuser
Georg Schlünder

9. German Institute of Educational Science

10. German Institute of Educational Science

1. Deutsches Institut für wissenschaftliche Pädagogik
(German Institute of Educational Science)
4400 Münster (Westfalen)
Kardinal-von-Galen-Ring 45 Tel. (0251) 40771/2

2. Further training of teachers in the further education sector

3. a) Survey of teachers at present working full-time in the further education sector, their functions, qualifications and further training requirements
b) Investigation and analysis of the present further education provision for teachers in the further education sector

3.1. Construction of models of the further training of teachers in the further education sector (within the framework of a requirements-oriented further training concept and designed to achieve an optimal degree of correspondence between theory and practice)

3.2. Analysis of requirements, model construction and evaluation

3.3. ---

4. July 1972 to October 1973: first stage of the project

5. ---

6. ---

7. Dr. Marie-Theres Starke (project spokesman)

8. Stefan Pröpper
Helmut Schweisfurth
Dr. Marie-Theres Starke
part-time researchers:
Karl-Heinz Hochwald
Georg Schlünder

9. German Institute of Educational Research

10. German Institute of Educational Research

1. Institut für Erziehungswissenschaften
der Universität Münster
(Institute of Educational Science of the University of Münster)
4400 Münster (Westfalen)
Schmeddingstrasse 50 Tel. (0251) 49 01

2. Curriculum research with regard to teaching strategies

3. The project consists of several interconnected component projects:
a) Basic work (problems of methodology)
b) Development of schemes for the teaching of various subjects
c) Scientific evaluation of curriculum guidelines and school experiments
d) Testing of techniques (teaching of grammar: English)
e) Testing of principles of curriculum construction (teaching of education methods in schools)

3.1. Development of medium-term concepts relevant to innovation and practice in schools

3.2. Hermeneutical methods criticizing ideologies, empirical and quantitative methods

3.3. ---

4. Beginning of the preliminary work: April 1970
Beginning of the main project: April 1972
Completion not before the end of 1975, probably later

5. Preliminary results: Clarity on the problems of deduction (see under 6 publication by Meyer);
Development of schemes for the teaching of "Arbeitslehre" (technology), politics, education methods, German, history and biology (see under 6 two publications by Blankertz);
Results of the main project are not yet available

6. Achtenhagen, Frank & Menck, Peter: Langfristige Curriculumentwicklung und mittelfristige Curriculumforschung. In: Achtenhagen,Meyer (ed.): Curriculumrevision. München 1971
Meyer, Hilbert L.: Einführung in die Curriculum-Methodologie. München 1972
Blankertz, Herwig (ed.): Curriculumforschung. npb 46, Essen 1971
Blankertz , Herwig (ed.): Fachdidaktische Curriculumforschung. npb, Essen 1973

7. Prof. Herwig Blankertz

8. Prof. Frank Achtenhagen (Göttingen)
Prof. Anneliese Mannzmann (Münster)
Dr. Peter Menck (Münster)
Prof. Götz Wienold (Konstanz)

9. Institute of Educational Science of the University of Münster

10. German Research Association (for the second research semester)

1. Psychologisches Institut der Universität Münster
Abteilung für Persönlichkeitsforschung
(Institute of Psychology of the University of
Münster, Department of Personality Research)
4400 Münster (Westfalen)
Steinfurterstrasse 104 Tel. (0251) 49 04 121

2. Learning processes and the efficacy of instruction

3. ---

3.1. Development and application of evaluation techniques (cognitive, affective and communication sphere); evaluation of processes and types of learning: longitudinal study

3.2. Study of learning behaviour and learning ability of students in 4 disciplines (medicine, law, one educational and one engineering discipline)

3.3. Organization of teaching situations, planning of studies and study behaviour of students, teaching objectives, influence of personality traits

4. Beginning October 1972, completion 1975

5. ---

6. ---

7. Dr. W. Keil
Dr. U. Piontkowski

8. N.N.

9. ---

10. Institute of Psychology, University of Münster
German Research Association

1. Psychologisches Institut der Universität Münster
Abteilung für Persönlichkeitsforschung
(Institute of Psychology of the University of Münster
Department of Personality Research)
4400 Münster (Westfalen)
Steinfurterstrasse 104 Tel. (0251) 49 04 121

2. Concepts of university teaching and their application by university teachers

3. ---

3.1. Influence of lecturers' concepts of teaching on the actual teaching process

3.2. Analysis of 110 courses using observation methods, questionnaire survey of teachers and students

3.3. Teaching objectives, teaching methods, interaction in courses, socialization through environmental aspects, affective and cognitive effect of teaching, student characteristics and behaviour in courses

4. August 1970 to June 1971

5. Using a multi-variate approach, the effect of academic teaching is based on: university teachers' concepts of teaching, students' motivation and study techniques, interaction strategies in the teaching process and environmental aspects in different disciplines

6. Keil, W. & Piontkowski, U.: Strukturen und Prozesse im Hochschulunterricht. Weinheim 1973
Piontkowski, U.: Interaktion und soziale Kognition in Instruktionsgruppen. Münster 1973

7. Prof. M. Sader

8. Dr. W. Keil
Dr. U. Piontkowski

9. ---

10. Institute of Psychology of the University of Münster
German Research Association

1. Deutsches Institut für Bildung und Wissen
(German Institute of Education)
4790 Paderborn
Busdorfwall 16 Tel. (05251) 2 60 13

2. Vocational training

3. Position of vocational training within the educational process

3.1. Relationship between vocational training and further education

3.2. ---

3.3. ---

4. Completed

5. Published

6. Blass, Georg (Ed.): Grundprobleme der Berufsbildung - Berufserziehung in der Krise. Trier 1973
Empfehlung des Deutschen Instituts für Bildung und Wissen: Erwachsenenbildung als Weiterbildung. In: IBW-Journal, Informationsdienst des Deutschen Instituts für Bildung und Wissen. Mai 1972 (also published in several specialist journals)

7. Georg Blass
Prof. Schlüter
Prof. Schrader

8. W. Kluxen
F.Lammert
K.H.Sommer
J.Münch
M. Sophia
E. Stothfang
D. Winterhager

9. German Institute of Education

10. German Institute of Education

1. Deutsches Institut für Bildung und Wissen
(German Institute of Education)
4790 Paderborn
Busdorfwall 16 Tel. (05251) 2 60 13

2. Open anthropology

3. The Institute considers that one of the principal reasons for the dilemma of educational science lies in the fact that there exists no convincing anthropological concept.

3.1. The aim of the project "Open anthropology" is to develop a convincing anthropology for this day and age

3.2. Interdisciplinary study group

3.3. ---

4. September 1972; anticipated completion 1975

5. ---

6. Planned

7. Prof. Johannes Schlüter

8. Vikar Kruse
Dr. Mente
Dr. Richter
Prof. Maria Schmidt
Dr. Schubert
Dr. Sprenger
Prof. Staudinger
and associates

9. German Institute of Education

10. German Institute of Education

1. Joint project of the following institutes for cybernetics:

a) Institut für Kybernetik
(Institute for Cybernetics)
4790 Paderborn
Riemekestrasse 62 Tel. (05251) 2 36 41

b) Institut für Kybernetik an der Pädagogischen Hochschule Berlin
(Institute for Cybernetics of the Berlin Teacher-Training College)
1000 Berlin 46
Malteserstrasse 76 - 100 Tel. (030) 775 29 63

c) Institut für Kybernetik im FEoLL
(Institute for Cybernetics in the Research and Development Centre for Explicit Teaching and Learning Procedures)
4790 Paderborn
Rathenaustrasse 69 - 71 Tel. (05251) 2 36 41

2. Learners' consoles

3. ---

3.1. Definition of the field of application of some typical (in particular off-line) teaching machines; determination of the expenditure of time, energy and materials required to adapt teaching programmes to a new medium; determination of important educational characteristics of different media; preparation of a work-book for programmed instruction media

3.2. Teaching programme adaptation, case studies

3.3. Teaching programme adaptation, didactic significance, determination of didactic significance, work-book for media, space of media characteristics

4. July 1970 to December 1972

5. A description system for programmed instruction media is available.
Teaching programme adaptation, as compared with the re-programming of teaching programmes, brings on average a 90-95% saving in teaching time. A method of quantitative determination of the sphere of application (didactic significance) of programmed instruction media has been developed and has supplied percentual data on the possibilities of using a total of 10 available programmed instruction media in general education schools.
Work-books for programmed instruction media have been developed for simple, individual, group, and parallel learning

6. Meder, Brigitte S.: Zur Ökonomie der Lehrprogrammanpassung. In: Kollet, B. & Weltner, K. (Ed.): Fortschritte und Ergebnisse der Unterrichtstechnologie 72. München (in the press)
Frank, Helmar & Meder, Brigitte S.: Einführung in die Kybernetische Pädagogik. Deutscher Taschenbuch Verlag, München 1971

7. Prof. Helmar Frank
Brigitte S. Meder

8. E. Bonnke
U. Ehmke
H. Frank
W. Lange
B. Lieske
B. Lindner
H. Redimersky
K. Reitzig
H. Richter
W. Seipp
A. Wolff
W. Zeiske

9. Federal Ministry of Education and Science
FEoLL, Paderborn

10. Federal Ministry of Education and Science
FEoLL, Paderborn

1. Joint project of the following institutes for cybernetics:

a) Institut für Kybernetik
(Institute for Cybernetics)
4790 Paderborn
Riemekestrasse 62 Tel. (05251) 2 36 41

b) Institut für Kybernetik an der Pädagogischen Hochschule Berlin
(Institute for Cybernetics of the Berlin Teacher-Training College)
1000 Berlin 46
Malteserstrasse 76 - 100 Tel. (030) 775 29 63

c) Institut für Kybernetik im FEoLL
(Institute for Cybernetics in the Research and Development Centre for Explicit Teaching and Learning Procedures)
4790 Paderborn
Rathenaustrasse 69 - 71 Tel. (05251) 2 36 41

2. Development and testing of a model computer

3. ---

3.1. Development and testing of teaching and learning aids for an introduction to digital data processing (computer sciences), development of related teaching materials

3.2. The concept of a small computer (MORE) meeting educational requirements was simulated on a small commercial computer (alternately N 820, WAG 12, Modcomp) in such a way as to allow each learner's console to be connected to the common control computer

3.3. Model computer MORE, computer studies, cover masks of consoles, learning by simulation, electronic data processing structures, machine language

4. Beginning of the preliminary work: autumn 1969
Present project: July 1970 to March 1973

5. The MORE consoles can be connected with the N 820. Modification to make connection possible at the standard interface V 24 is virtually completed. A set of problems for the learner, and the development of cover masks and other teaching materials is finished.

6. Frank, Helmar & Meyer, Ingeborg: Rechnerkunde - Elemente der digitalen Nachrichtenverarbeitung und ihrer Fachdidaktik. Urban Taschenbuch 151, Kohlhammer Verlag, Stuttgart 1972

7. Prof. Helmar Frank
Ingeborg Meyer

8. U.Ehmke
H.Frank
I.Meier
H. Pietzsch
E. Wohrmann
and others

9. Federal Ministry of Education and Science
FEoLL, Paderborn

10. Federal Ministry of Education and Science
FEoLL, Paderborn

1: Institut für Bildungsinhalts- und Lehrmittelforschung an der Berufspädagogischen Hochschule Stuttgart (Institute of Education and Teaching Aids Research of the Stuttgart Teacher-Training College)
7000 Stuttgart 1
Hegelplatz 1 Tel. (0711) 29 90 71

2. Special evaluation of the survey of pupils attending the "Berufsschule" (vocational school) in Baden-Württemberg in 1968

3. Vocational training, future career plans, regional problems of the structure of training

3.1. ---

3.2. ---

3.3. ---

4. 1972 to 1973

5. ---

6. ---

7. Prof. Georg Rothe

8. Rudolf Hastenteufel
Prof. Georg Rothe

9. Institute of Employment Research of the Federal Institute of Labour

10. Federal Institute of Labour

1. Pädagogische Forschungsstelle
beim Bund der Freien Waldorfschulen e.V.
(Educational Research Centre of the Federation
of Free Waldorf Schools, registered society)
7000 Stuttgart 1
Haussmannstrasse 44 a Tel. (0711) 23 29 98

2. Curriculum for chemistry and related fields of physics and biology based on the genetic learning method (grades 6 to 13)

3. Chemistry is to be taught, using a phenomenological approach, as an orientation to experiences of the senses which are not yet reduced to quantitative structures. In the junior classes the emphasis is on the study of direct experience rather than on formulas, models and systems of concepts.

3.1. The aim is to overcome the generally deplored separation of cognitive-intellectual and emotional-affective education in the subject-matter itself, i.e. in the contents of the lessons, and precisely in this manner to lead to an orientation in this sphere of knowledge more relevant to life itself. In the senior classes the modern concepts of school science can be introduced when the pupils have acquired a phenomenological basis and after they have developed a sureness of judgement and information.

3.2. Procedures and methods: A set of guidelines on the contents and methods of teaching, with an account of all the possible teacher and pupil experiments, will be tested within the normal intensive theme-oriented teaching (Epochenunterricht) at Waldorf schools and later published together with observations on progress and results.

3.3. ---

4. June 1972 to May 1976

5. Draft of teaching guidelines for grade 7

6. ---

7. Dr. Ernst-Michael Kranich

8. Dr. Manfred v. Mackensen

9. ---

10. German Research Association

1. Deutsches Institut für Fernstudien
an der Universität Tübingen
(German Institute for Distant Studies
at the University of Tübingen)
7400 Tübingen
Wöhrdstrasse 8 Tel. (07122) 30 41

2. Comparative study in the field of distant studies technology: storage and retrieval of information

3. The research project is divided into 3 stages:
Stage I: The aim is to analyse the function and effects of certain information systems and elaborate hypotheses for an information system in the field of distant studies technology.
Stage II: On the basis of these hypotheses a model for the storage and retrieval of information in the field of distant studies technology will be developed.
Stage III: Implementation of a sub-system;
Research field: curriculum materials

3.1. ---

3.2. ---

3.3. ---

4. December 1970 to January 1973

5. Final report in preparation

6. Towards a model for Information Dissemination in Educational Technology Responsive to User Needs. Stanford 1972 (ERIC ED 056 513)
(author unspecified)

7. Dr. Wolfhart H. Anders
Alexandra Draxler

8. 2 student research-assistants

9. German Institute for Distant Studies

10. German Institute for Distant Studies

1. Deutsches Institut für Fernstudien
an der Universität Tübingen
(German Institute for Distant Studies
at the University of Tübingen)
7400 Tübingen
Wöhrdstrasse 8 Tel. (07122) 30 41

2. Innovation barriers against multi-media distant studies

3. 3 types of organization: university, industry, civil service. Conjecture that in all 3 types of organization multi-media distant studies will meet with the same kinds of resistance. The working hypothesis specifies 3 distinct types of resistance: intentional barriers, functional barriers, know-how barriers

3.1. The study is designed to throw light on resistance to multi-media distant studies; its findings will form a basis for the development of implementation strategies.

3.2. Interviews with 3 people from each individual organization working at different levels of the hierarchy. The interview subjects were employed in German universities and the 200 biggest industrial enterprises, or were - where accessible - the heads of training departments in various civil service organizations.

3.3. Innovation, innovation barriers, industry, civil service, university, multi-media distant studies

4. November 1971 to December 1972 (collection of data)

5. Evaluation of the material in progress;
interim report in preparation

6. Planned

7. Prof.Wilhelm Bierfelder

8. Herbert Müller Philipps Sohn

9. German Institute for Distant Studies

10. German Institute for Distant Studies

1. Deutsches Institut für Fernstudien
an der Universität Tübingen
(German Institute for Distant Studies
at the University of Tübingen)
7400 Tübingen
Wöhrdstrasse 8 Tel. (07122) 30 41

2. Planning procedures for priorities with regard to multi-media distant studies

3. Attempt to determine empirically priorities in the sphere of university policy with special reference to distant studie Target groups: university teachers, the administration, and politicians interested in university affairs

3.1. Conversion of individual into collective priorities, determination of the status of distant studies in university policy

3.2. Random selection, questionnaires; evaluation by means of cross-tabulation, factor analysis, factor-score determination canonic correlation analysis, chi-square-test, calculation of rank values

3.3. Priority, university policy, multi-media distant studies, status of multi-media distant studies,ideology and multi-media distant studies

4. June 1971 to December 1972

5. ---

6. Publications planned in:
Tübinger Beiträge zum Fernstudium im Medienverbund.
Band 8, Weinheim

7. Prof. Wilhelm Bierfelder

8. Herbert Müller Philipps Sohn

9. German Institute for Distant Studies

10. German Institute for Distant Studies

1. Deutsches Institut für Fernstudien
an der Universität Tübingen
(German Institute for Distant Studies
at the University of Tübingen)
7400 Tübingen
Wöhrdstrasse 8 Tel. (07122) 30 41

2. Research into the attitudes of chemistry teachers to a distant studies training

3. The study was carried out in connection with the planning of a course in distant studies for chemistry teachers of the "Sekundarstufe II" (secondary education, second level)

3.1. The study's aim is to examine the professional qualifications, age structure, demand and opportunities for further training, conditions of work, lesson planning etc. of chemistry teachers at the "Gymnasium" (grammar school)

3.2. Detailed questionnaires were sent to a random sample of approx. 3,000 teachers at present teaching chemistry at the "Gymnasium".

3.3. Attitude to new subject-matter and types of instruction, demand for further training (academic and professional)

4. Beginning 1971 to mid-1973

5. Survey and correlations completed, sections of the report are available in manuscript form

6. ---

7. Dr. Peter Buck
Rüdiger Peuckert
Dr. Jens Pukies
Dr. Reinhard Riekens
Dr. Wolfgang Stapf

8. ---

9. German Institute for Distant Studies

10. German Institute for Distant Studies

1. Deutsches Institut für Fernstudien
an der Universität Tübingen
(German Institute for Distant Studies
at the University of Tübingen)
7400 Tübingen
Wöhrdstrasse 8 Tel. (07122) 30 41

2. Role and functions of self-organized study groups in distant studies

3. ---

3.1. The aim is to demonstrate the relation between indirect communication phases and direct interaction phases within a distant studies course.

3.2. Informal interviews with radio college students with experience of working in self-organized study groups; development of a survey instrument (largely standardized questionnaire);
postcard survey of participants in self-organized study-groups; mainly descriptive statistical evaluation

3.3. Direct and indirect communication, group work, distant studies, social learning phases, multi-media approach, two-step flow of communication

4. Beginning of 1972 to end of 1973

5. Basic tabulation and correlations available, report in preparation

6. ---

7. Günter Kolb

8. ---

9. German Institute for Distant Studies

10. German Institute for Distant Studies

1. Deutsches Institut für Fernstudien
an der Universität Tübingen
(German Institute for Distant Studies
at the University of Tübingen)
7400 Tübingen
Wöhrdstrasse 8 Tel. (07122) 30 41

2. Small-group work in connection with distant studies teaching material

3. The only independent variables incorporated in the experiment design were individual work with correspondence study material, and individual work supplemented by discussion in groups of 3 without leaders. Dependent variables examined were learning achievement as determined by a test based on distant studies material and with multiple choice questions, as well as the attitudes of students to the above independent variables and their effects on various learning objectives, fields of study and study sections.

3.1. Contribution to the discussion on the necessity and possibility of incorporating direct instruction in distant study courses, and, in a broad sense, to the specific possibilities and functions of direct instruction compared to indirect instruction

3.2. Experimental studies, assignment of students to the experimental groups by random selection, use of tests and questionnaires, variance analysis and descriptive evaluation techniques

3.3. Small-group work, distant studies, social learning phase

4. Beginning of 1971 to end of 1972

5. There appears to be no significant difference in learning achievement. The attitudes of students to the specific possibilities of different study methods differ widely. Group work is not regarded as generally "superior". Group work cannot, on the basis of the findings, be considered absolutely essential, but it should in all cases be available.

6. ---

7. Walter Mattl

8. ---

9. German Institute for Distant Studies

10. Federal Ministry of Education and Science

1. Deutsches Institut für Fernstudien
an der Universität Tübingen
(German Institute for Distant Studies
at the University of Tübingen)
7400 Tübingen
Wöhrdstrasse 8. Tel. (07122) 30 41

2. Internal and external objections of participants in distant study courses working in different professions, seen as a problem of organization of radio colleges

3. Comparison of various occupational sectors with regard to participation and potential participation in radio colleges. Examination of work load, attitudes to the range of further education courses provided by the mass media, and media preferences

3.1. Information on ways of improving the organization of radio colleges in particular

3.2. 4 random samples:
Participants who are teachers;
Participants who are not teachers;
Non-participants who are teachers;
Non-participants who are not teachers.
Questionnaire survey

3.3. Radio college further education courses, further education, media preferences, radio, multi media distant studies

4. November 1971 to December 1972

5. Radio colleges fulfil expectations of that medium;
the time-tabling of courses is in need of improvement;
there are large numbers of potential participants in the area surveyed

6. ---

7. Herbert Müller Philipps Sohn

8. Uwe Marx
Albrecht Ungerer

9. German Institute for Distant Studies

10. German Institute for Distant Studies

1. Zentrum für neue Lernverfahren der
Universität Tübingen
(Centre for New Learning Methods of the University of Tübingen)
7400 Tübingen
Münzgasse 11 Tel. (07122) 71 20 75

2. Teacher training in schools

3. Teacher training in schools with the use of technical media

3.1. Development of analysis and training methods for behaviour-oriented teacher training practice in schools

3.2. Implementation and evaluation of different course models by means of analysis of lessons (interaction analyses) and attitude studies; development and testing of explicit teaching materials

3.3. Teacher training, teachers' behaviour, interaction analysis, micro-teaching, explicit teaching, media systems, university teaching

4. April 1972 to April 1974 (first stage);
a second stage is planned for 1974 - 1975

5. Preliminary results are available in the following . elds:
effect of explicit teaching materials in teacher training;
development of specific categories of analysis for the training of foreign language teachers;
the empirical studies are not yet completed

6. Krumm, H.J.: Sprachunterricht und Sprachlehrerfortbildung mit Hilfe des Videorecorders. In: Zielsprache Französisch. Heft 3, 1972
Zifreund, W.: Möglichkeiten selbständiger Gruppenaktivitäten im Rahmen eines unterrichtlichen Verhaltenstrainings ...
In: Meyer, E.: Gruppenaktivität durch Medien. Heidelberg 1973

7. Prof. W. Zifreund

8. H.G. Klinzing
U.Kraemer
H.J.Krumm

9. ---

10. German Research Association

1. Arbeitsgruppe Didaktische Forschung (ADF)
an der Universität Ulm
(Study Group on Teaching Research
at the University of Ulm)
7900 Ulm
Am Hochsträß 8 Tel. (0731) 3 73 39

2. Professional socialization in medicine

3. First stage of a project to be carried out over several years
The likely consequences of the reform of medical training are difficult to assess, since present information on the training process as a part of professional socialization is very inadequate.

3.1. Classification and description of important behavioural norms related to professional medical practice; elaboration of suitable hypotheses for research and a feasible design for an empirical study of comparison

3.2. Analysis of existing research findings and approaches, comparison of various possible strategies and methods for the study

3.3. ---

4. April 1973 to March 1974 (first stage)

5. ---

6. ---

7. Dr. Horst Noack

8. Horst Krähe
Malte Sund
Dr. Rik Van den Bussche

9. ---

10. German Research Association

1. Zentrum Innere Medizin und Kinderheilkunde
der Universität Ulm
(Centre for Internal Medicine and Paediatrics of the University of Ulm)
7900 Ulm
Steinhövelstrasse 9 Tel. (0731) 6 12 31

2. Research on university teaching research and practice

3. Empirical survey of connections of substance and methodology among studies on university teaching in the Federal Republic of Germany

3.1. Account of the present state of the structure of university teaching, observations on the development of this structure

3.2. Preparation of a thesaurus, i.e., a glossary of terms which can be used in indexing university teaching projects; interviews with participants in university teaching projects (random sample of universities in the Federal Republic of Germany), indexing of interviews, construction of a matrix of connections between projects using common keywords; evaluation of the matrix by computer, description of various structural aspects

3.3. University teaching projects, research, development, empirical survey; interview themes: interviews; random sample: universities (Federal Republic of Germany); glossary of university teaching research: indexing of interviews; common keywords: connections between projects; project matrix: computer evaluation; project structures: description; structural change: observation

4. November 1972 to December 1973 (first stage: account of structural aspects using a random sample of universities)

5. Preparation of a documentation on university teaching research projects sponsored up till 1971 by research promotion organizations in the Federal Republic of Germany. Classification by sponsors, by fields in which teaching research is sponsored by research themes, universities etc.
Preparation of a thesaurus of terms used in university teaching research

6. ---

7. Martin Krampen Ph.D.

8. Dagmar Klaiber (interviews)

9. ---

10. German Research Association

1. Dr. D. Höltershinken
4501 Wallenhorst
Zum Sportplatz 15 Tel. (05407) 95 33

2. Study of public playgrounds for children

3. ---

3.1. Different types of public playgrounds are to be studied;
study of general lay-out, condition, sand analysis, noise nuisance, equipment and its utilization;
study of length of play sessions, kind of games played;
survey of disturbance factors;
study of structure and type of group games, social interaction, influence of parents

3.2. Standardized and free observation procedures
Films and photographs
Questionnaires and interviews

3.3. ---

4. Summer 1972 (main investigation)
to beginning 1974

5. Interim report (type-written) expected to be available April 1973

6. Höltershinken, D. and associates: Fallstudien öffentlicher Spielplätze. In: Schule und Psychologie. München 1971
Höltershinken, D.: Öffentliche Spielplätze in der BRD. In: Westermanns Päd. Beiträge, Braunschweig 1972

7. Dr. D. Höltershinken

8. R. Meyer (research assistant)

9. Dr. D. Höltershinken

10. German Research Association

1. Bildungstechnologisches Zentrum GmbH (BTZ)
- Aussenstelle Darmstadt - Gruppe CUU
(Centre for Educational Technology Ltd
Darmstadt Office - CAI Group)
6100 Darmstadt
Alsfelder Strasse 12 Tel. (06151) 7 50 18

2. Evaluation study - the possibilities and prospects of computer assisted instruction (CAI) in schools of general education

3. ---

3.1. Critical examination of CAI projects in the USA and Europe to determine the transferability of programmes and experience. In addition to questions of hard- and software special consideration will be given to aspects which have up till now received less attention in reports, such as project organization, the integration of different forms of instruction and evaluation.

3.2. Study tours will be made mainly to large centres; study of existing programmes

3.3. CAI, evaluation, report on experiences, transferability of programmes

4. January 1972 to March 1973

5. a) Expertise and account of activities (for the Federal Ministry of Education and Science)
b) Publication of a slightly abridged and revised version of (a) in book form
c) Presentation of the report at a conference
d) Materials for the conference (BTZ publication)

6. ---

7. Prof. K. Eyferth

8. Prof. K. Eyferth
K. Fischer
Dr.U. Kling
L.Kolbinger
W. Korte
Dr. W.Laubsch
H. Löthe
Dr. R. Schmidt
H. Schulte
K. Werkhofer

9. Centre for Educational Technology
Federal Ministry of Education and Science

10. Centre for Educational Technology
Federal Ministry of Education and Science

1. Bildungstechnologisches Zentrum GmbH (BTZ)
Aussenstelle Darmstadt - Gruppe CUU
(Centre for Educational Technology Ltd
Darmstadt Office - CAI Group)
6100 Darmstadt
Alsfelder Strasse 12 Tel. (06151) 7 50 18

2. Introduction to electronic data processing in a problem-oriented language using CAI methods

3. ---

3.1. In collaboration with teachers and student teachers an introductory course in FORTRAN language is developed; use of CAI techniques (tutorial, drill, monitoring, fact-retrieval, problem-solving) to aid learning of the language syntax; the logic of the programme is checked by the learners themselves with a special "on-line" system. Another aim is to elaborate propositions on the teaching process involved in the introduction to a problem-oriented language. The course is intended for use in the "Sekundarstufe II" (secondary education, second level), "Berufsschule" (part-time vocational school) and corresponding teacher training and further training courses.

3.2. ---

3.3. CAI, FORTRAN course, the teaching of interactive programming with problem-oriented languages

4. Completion end of 1974

5. ---

6. ---

7. Prof. K. Eyferth

8. Prof. K. Eyferth
K. Fischer
W. Korte
H. Löthe

9. Centre for Educational Technology

10. Centre for Educational Technology

1. Bildungstechnologisches Zentrum GmbH (BTZ)
(Centre for Educational Technology Ltd)
6200 Wiesbaden
Bodenstedtstrasse 7 Tel. (06121) 3 60 41

2. Automation and information

3. Multi-media course on principles of automation, steering, regulation, information and information processing for grades 9 and 10 in general education schools of various types

3.1. Development of a programmed textbook together with a supervisory programme, development of multi-media materials for teachers and pupils; results with regard to learning success and motivation during instruction as a function of personality variables of the pupils

3.2. Development of a catalogue of learning objectives, fixing of the contents into basic texts; development of a programmed textbook and supervisory programme for some sectors, pilot tests in schools, revision in co-operation with teachers; development of multi-media materials, pilot tests, revision; testing of the whole as a multi-media course; evaluation at all stages of testing

3.3.

Automation	supervisory programme
steering	pupil experiments in connection with a multi-media approach
regulation	multi-media course
information	educational technology in physics instruction
logic circuits	
EDP	

4. September 1971; anticipated completion 1974

5. Programmed textbook and supervisory programme for 6 lessons of the course with additional chapters on the section "Information and Information Processing" (Revised edition, February 1973)

6. Leitprogramm im Physikunterricht - Ergebnisse einer Pilotstudie zum Projekt "Automation und Information". In: Beiträge zur Bildungstechnologie 2, 1972
Leitprogramm als Pilotstudie - ein Mittel zur Prozeßevaluation eines multimedialen Kurses. In: Schmidt, H. (Ed.): Zur Didaktik der Physik und Chemie - Probleme und Perspektiven. Hannover 1973

7. Hartmut Rudolph (temporary project leader)

8. Jürgen Burkert
Hartmut Rudolph
Heino Widdel

9. Centre for Educational Technology

10. Centre for Educational Technology

1. Bildungstechnologisches Zentrum GmbH
(Centre for Educational Technology Ltd)
6200 Wiesbaden
Bodenstedtstrasse 7 Tel. (06121) 3 60 41

2. Study and development of a teacher-oriented strategy for curriculum innovation and emancipatory use of media, BTZ project I

3. ---

3.1. Development of approaches for changing learning conditions in schools on two levels: curriculum innovation and emancipative use of media with special reference to the framework guidelines in Hesse.
Development of situation-oriented teaching and learning units which are designed to overcome subject barriers, are based on the pupils' concrete situation and are subject to constant revision

3.2. Collaboration with teachers and pupils from 3 types of school:
"Hauptschule" (main school) in a city with mainly working-class pupils;
Integrated comprehensive school in industrial suburbs;
School centre near a town

3.3. Action research - interaction analysis - study of planning concepts for teaching situations and their implementation - class-room observation - use of media, analysis of their effect - testing of teaching materials

4. Beginning of the preliminary work November 1971
Field stage in schools August 1972 to June 1973
Beginning of evaluation August 1973; completion anticipated in mid-1974
Possibly accompanied by a second run-through

5. School projects (world of work, school and socialization, mass communications and other themes)
Findings of the field studies in schools
Analysis of school planning processes
Analysis of the course of project-oriented lessons
Recording of lessons, films, teaching materials, type-recordings, audio-visual recordings

6. Dräger and associates: Kritische Medientheorie.
Projektheft 3, 1972
Research-workers (Project I): In: Beiträge zur Bildungstechnologie. Heft 3, 1972
Bonn & Zehrfeld: Selbstorganisation der Lerngruppe. Projektheft 7, 1972

Müller & Stickelmann & Zinnecker: Ansätze zu einer Theorie aktivierender Sozial- und Schulforschung. Projektheft 6, 1972

7. Dr. Jürgen Zinnecker

8. Peter Bonn — Bernd Stickelmann
Dr. Thomas Heinze — Harald Vockerodt
Ernst Müller — Klaus Zehrfeld
Herbert Schulte — Dr. Jürgen Zinnecker
Scientific advisers: Prof. Klaus Mollenhauer
Prof. Wolfgang Klafki

9. Centre for Educational Technology

10. Centre for Educational Technology

1. Joint project of the following institutes:

a) Bildungstechnologisches Zentrum GmbH
(Centre for Educational Technology Ltd)
6200 Wiesbaden
Bodenstedtstrasse 7 Tel. (06121) 3 60 41

b) Seminar für Didaktik der Mathematik
der Universität Frankfurt
(Seminar for the Teaching of Mathematics of the
University of Frankfurt)
6000 Frankfurt am Main
Senckenberganlage 11 Tel. (0611) 7983 575

2. Supervisory programme mathematics for physics students

3. Development of a programmed textbook and supervisory programme on the theme: mathematics for the physics student. Course of 19 lessons, corresponding to a 2-semester university course of 2-hour teaching sessions

3.1. Development of self-instruction material designed to achieve specific subject-related objectives (mathematical knowledge) and general study techniques

3.2. Development of instruction material, empirical study of the effectiveness of this new course using educational technology in comparison with traditional university courses

3.3. University teaching, explicit instruction, comparative study

4. First phase (development of the supervisory programme in book form): September 1972 to December 1973

5. Development of the material in a second revised version: completed February 1973
One-semester empirical comparative study at the University of Frankfurt: completed February 1973
Preliminary results: Equality or superiority of the new course type based on educational technology

6. Weltner and associates: Konzept und Realisierung eines Leitprogramms: Mathematik für Studenten mit Physik im Nebenfach. In: Rollet-Weltner (Ed.): Fortschritte und Ergebnisse der Bildungstechnologie 72. Ehrenwirth Verlag 1973
Weltner: Leitprogramm als Weiterentwicklung der Lehrprogramme. In: Der naturwissenschaftliche Unterricht. Heft 1. Stuttgart 1973

7. Prof. Weltner

8. P. Engelhardt (University of Frankfurt)
P.B. Heinrich (Centre for Educational Technology)
H. Keitel (University of Frankfurt)
Dr. H. Schmidt (Centre for Educational Technology)
H. Wiesner (University of Frankfurt)

9. Centre for Educational Technology

10. University of Frankfurt
Centre for Educational Technology

1. Lehrstuhl für Schulpädagogik
der Universität Würzburg
(Chair of School Education
of the University of Würzburg)
8700 Würzburg
Wittelsbacherplatz 1 Tel. (0931) 7 48 21

2. Studies of the group structure of the school class - analytical survey, analysis of determinants and possibilities of influence

3. ---

3.1. Five problem-complexes:
Methods of surveying the climate and structure of groups;
connections between characteristics of group structure, group climate and independent variables;
connections with the pupils' school achievement;
connections between position and individual characteristics;
possibilities of influencing the group climate in school classes

3.2. The data survey will cover 50 to 80 classes in different types of schools;
if possible new techniques are to be developed

3.3. Group climate, position, status, socio-economic status, teacher role, achievement motivation

4. October 1972 to March 1974 (first stage)

5. ---

6. ---

7. Prof. Hartwig Schröder

8. Kurt Czerwenka
Siegfried Gonnert
Josef Madjaric
Ingrid Neuner
Wolfgang Oppelt
Peter Reimann
Prof. Hartwig Schröder

9. ---

10. German Research Association

II

Institutes which promote or finance

educational research projects

for arrangement of lists

cf. p. III

Deutsche Forschungsgemeinschaft
(German Research Association)
5300 Bonn - Bad Godesberg
Kennedyallee 40
Tel. (02221) 88 11

Educational research projects financed by the German Research Association:

Prof. Herwig Blankertz
Institut für Erziehungswissenschaft der Universität Münster
(Institute of Educational Science of the University of Münster)
4400 Münster (Westfalen)

Curriculum research with regard to teaching strategies
cf. p. 146

Dr. D. Höltershinken
4501 Wallenhorst

Study of public playgrounds for children
cf. p. 166

Dr. W. Keil
Dr. U. Piontkowski
Psychologisches Institut der Universität Münster
(Institute of Psychology of the University of Münster)
4400 Münster (Westfalen)

Learning processes and the efficacy of instruction
cf. p. 147

Prof. W. Klafki
Fachbereich Gesellschaftswissenschaften der Philipps-Universität Marburg
(Social Sciences Sector of the Philipp University of Marburg, Department of Educational Science)
3550 Marburg/Lahn

Aspects of the problem-solving behaviour of backward children and the significance of different kinds of verbal expression of the teacher for the promotion of problem-solving thinking in natural science lessons at special schools for backward children
cf. p. 125

Dr. Ernst-Michael Kranich
Pädagogische Forschungsstelle beim Bund der Freien Waldorfschulen e.V.
(Educational Research Centre of the Federation of Free Waldorf Schools, registered society)
7000 Stuttgart 1

Curriculum for chemistry and related fields of physics and biology based on the genetic learning method (grades 6 to 13)
cf. p. 155

Martin Krampen Ph. D.
Zentrum Innere Medizin und Kinderheilkunde der Universität Ulm
(Centre for Internal Medicine and Paediatrics of the University of Ulm)
7900 Ulm

Research on university teaching, research and practice
cf. p. 165

Dr. T. Kürthy
Institut für Erziehungswissenschaft
- Pädagogik I -
Rheinisch-Westfälische Technische Hochschule Aachen
(Institute of Educational Science, Teaching Science I, Rhineland-Westfalia Technical University of Aachen)
5100 Aachen

School achievement
(working title)
cf. p. 3

Dr. E. Neuburger
Institut für Nachrichtentechnik
Technische Universität München
(Institute of Information Technology Technical University of München)
8000 München 2

Study of the structure of children's groups using directional information variables
cf. p. 129

Dr. Horst Noack
ADF-Arbeitsgruppe Didaktische Forschung der Universität Ulm
(Study Group on Teaching Research at the University of Ulm)
7900 Ulm

Professional socialization in medicine
cf. p. 164

Prof. M. Sader
Psychologisches Institut der Universität Münster
Abteilung für Persönlichkeitsforschung
(Institute of Psychology of the University of Münster, Department of Personality Research)
4400 Münster (Westfalen)

Concepts of university teaching and their application by university teachers
cf. p. 148

Prof. Hartwig Schröder
Lehrstuhl für Schulpädagogik
der Universität Würzburg
(Chair of School Education of the University of Würzburg)
8700 Würzburg

Studies of the group structure of the school class - analytical survey, analysis of determinants and possibilities of influence
cf. p. 172

Prof. Heinz Schwarz
Technische Hochschule Darmstadt
Lehr- und Forschungsgebiet Informationsverarbeitung im Bauwesen
(Technical University of Darmstadt Department of Information Processing in the Construction Industry)
6100 Darmstadt

Survey and analysis of methods used in professional practice in the construction industry - a contribution to university teaching with regard to the training of engineers and architects
cf. p. 39

Prof. W. Zifreund
Zentrum für neue Lernverfahren
der Universität Tübingen
(Centre for New Learning Methods of the University of Tübingen)
7400 Tübingen

Teacher training in schools
cf. p. 163

cf. also projects within the "Sonderforschungsbereich Bildungsforschung" (special research area; educational research) at the University of Konstanz, pp. 118 - 125

Deutscher Bildungsrat
(German Education Council)
5300 Bonn - Bad Godesberg
Mirbachstrasse 7
Tel. (02221) 35 40 91

II Education Commission
of the German Education Council

Catalogue of expertises and their authors:

Note to users:

1. The author references for the individual titles are cross-references within the catalogue
2. Main terms used in the educational concept of the German Education Council:

elementary sector (pre-primary education)	Elementarbereich
primary education	Primarbereich
primary education (entrance level)	Eingangsstufe
primary education (second level)	Grundstufe
secondary education (first level)	Sekundarstufe I
secondary education (second level)	Sekundarstufe II

Author	Theme of expertise	Observations
Allgayer, Konrad Köln-Bayenthal	Brief expertise "Problems of educational leave in industry and commerce" (available)	Committee: "Further Education"

Author	Theme of expertise	Observations
Bach, Prof. Heinz Mainz	"The mentally hindered" (available)	Committee: "Special Education for Handicapped Children"
Back, Hans-Jürgen Hannover	"What regional factors and data must be considered in establishing institutions for the development of special learning programmes?"	Committee: "Secondary Education (Second Level)"
Bargel, Tino Konstanz	"Evaluation and social context. Study of the social evaluation of curricula in the elementary sector; taxonomy of social context, learners' groups, socio-linguistic aspects"	Project Group: "Elementary Sector" see also: Gloy, Heinke, Presch, Walter
Bargel, Tino Konstanz	"Survey of the state of research on techniques for curricular evaluation in pre-school education" (available)	Project Group: "Elementary Sector"
Bargel, Tino Konstanz	Draft text: "Choice of location for model kindergartens" (available)	Project Group: "Elementary Sector" see also: Krappmann, Kreppner
Barth, Dieter Weinheim	"Analysis of existing types of non-university training for school leavers with "Abitur" certificates" (in preparation)	Study Group: "School Leavers with "Abitur" Certificates (Committee: "Vocational Education")
Bartscherer, Guntram Sindelfingen (co-ordinating)	"Description of selected vocational training courses and analysis with regard to the achievement of general learning goals - fitters - " (Part I available - Part II in preparation)	Committee: "Vocational Training" see also: Breithecker, Stellberg

Author	Theme of expertise	Observations
Baethge, Dr. Martin Göttingen	"Research approaches and research priorities in vocational training"	Project Group: "Planning of Educational Research"
Becker, Gerold Oberhambach	"An example of framework guidelines (section) for social science teaching in secondary schools"	Committee: 'Curriculum Development'
Beilhardt, Prof.Karl Stuttgart	"Principles and elements of language teaching in secondary education (second level):teaching of German"	Committee: "Secondary Education (Second Level)"
Berke, Prof. Rolf Nürnberg	"Models and the substantiation of a curricular link between vocationally-oriented and academically-oriented courses in secondary education (second level):commercial-administrative subjects" (available)	Committee: "Vocational Training" see also: Grüner
Bertelsmann, Klaus Holzminden	"Play activity in secondary education (second level)" (available)	Committee: 'Secondary Education (Second Level)'
Bittner, Prof.Günther Tübingen (co-ordinating)	"Maladjusted children" (available)	Comittee: "Special Education for Handicapped Children" see also: Ertle, Schmid
Blankertz, Prof. Herwig Oldenburg	"Preliminary studies for the Curriculum Study Group" (available)	Study Group: "Curriculum"

Author	Theme of expertise	Observations
Blinkert, Baldo Kirchzarten	"Alternative means of access to higher education (via vocational education)" (available)	Committee: "Secondary Education (Second Level)"
Braun, Frank Berlin	"Analysis of selected curricula for the elementary sector" (available)	Project Group: "Elementary Sector"
Braun, Marianne Bochum-Querenburg	"Models of co-operation between the elementary sector and the primary education in an international comparison" (available)	Project Group: "Elementary Sector" see also: Liegle, Süßmuth
Brehm, Karl-Heinz München	Brief expertise: "Analysis and comparison of formal training qualifications in distributive-administrative occupations" (available)	Study Group: "School Leavers with "Abitur" Certificates (Committee:"Vocational Education")" see also: Dehmel
Breithecker, Berthold Duisburg	"Description of selected occupation training courses and analysis in terms of the achievement of general learning goals - fitters -" (Part I available - Part II in preparation)	Committee: "Vocational Education" see also: Bartscherer and Stellberg
Brinckmann, Dr. Hans Darmstadt	"Legal questions relating to a further education information system and the educational statistics project" (in preparation)	Study Group: "Further Education Information System (Committee: "Further Education)" see also: Grimmer
Brinkmann, Christian Erlangen	Brief expertise: "Range and development of mobility in qualified manpower" (August 1972)	Study Group: "School Leavers with "Abitur" Certificates (Committee: "Vocational Education)"

Author	Theme of expertise	Observations
Brinkmann, Christian Nürnberg	"Determinants of further education motivation" (available)	Committee: "Further Education" see also: Gottwald
Busboom, Hans-Peter Duisburg	Brief expertise: "Analysis and comparison of formal training qualifications in distributive-administrative occupations" (available)	Study Group: "School Leavers with "Abitur" Certificates (Committee:"Vocational Education")'

Author	Theme of expertise	Observations
Calliess, Dr. Elke Bielefeld	"Play in primary education (entrance level); playing and learning; socialization through play; play-situations; play stimuli; practical proposals " (1.11.1972)	Committee: "Primary Education (Entrance Level)" see also: Conolly-Smith, Daublesky, Krappmann
Conolly-Smith, Elisabeth M. Berlin	"Play in primary education (entrance level); playing and learning; socialization through play; play situations; play stimuli; practical proposals" (1.11.1972)	Committee: "Primary Education (Entrance Level)" see also: Callies, Daublesky, Krappmann
Crummenerl, Ruth Wiesbaden	Brief expertise "Problems of educational leave in the public administration sector" (available)	Committee: "Further Education"
Czyborra, Erich Bonn	"Careers and standard wages for school-leavers with "Abitur" certificates and non-university training" (30.11.1972)	Study Group: "School leavers with 'Abitur' Certificates (Committee: "Vocational Education)"

Author	Theme of expertise	Observations
Dahlhaus, Horst Villigst	Brief expertise "Problems of educational leave in the protestant adult education sector" (available)	Committee: "Further Education"
Damerow,Peter Berlin	"An example of framework guidelines (section) for the teaching of mathematics and related subjects in the primary school ("Grundschule")" (available)	Committee: "Curriculum Development" see also: Keitel
Daublesky,Dr.Benita Oberhambach	"Play in primary education (entrance level); playing and learning; socialization through play; play situations; play stimuli; practical proposals" (1.11.1972)	Committee: "Primary Education (Entrance Level)" see also: Calliess, Conolly-Smith, Krappman
Dehmel, Hans München	Brief expertise "Analysis and comparison of formal training qualifications in distributive - administrative occupations" (available)	Study Group: "School Leavers with "Abitur" Certificates (Committee: "Vocational Education")" see also: Brehm
Derschau,Dietrich von Marburg	"Training and work of qualified staff in the elementary sector and in primary education (entrance level)" (in preparation)	Committee: "Primary Education (Entrance Level)"
Diederich,Jürgen Schönstadt	"Scientific evaluation in educational research" (1.11.1972)	Project Group: "Planning of Educational Research"
Dienel,Prof.Peter C. Wuppertal	"Co-operation between sponsors of further education at the local-regional level" (available)	Committee: "Further Education" see also: Jüchter

Author	Theme of expertise	Observations
Edelstein,Dr.Wolfgang Berlin	"Preliminary studies for the Curriculum Study Group" (available)	Study Group: "Curriculum"
Eigler,Prof.Günther Göttingen	"Achievement and learning. Research on the concept of achievement" (1.11.1972)	Project Group: "Planning of Educational Research"
Elbers, Doris Berlin	Brief expertise "Aspects of the North American curriculum in the light of its possible adaptation in the Federal Republic of Germany" (31.8.1972)	Committee: "Curriculum Development"
Elias, Rhea Frankfurt	Brief expertise "Analysis and comparison of formal training qualifications in distributive-administrative occupations" (available)	Study Group: "School Leavers with "Abitur" Certificates (Committee:"Vocational Education")" see also: Kytzia
Ertle,Dr.Christoph Reutlingen	Brief expertise "Maladjusted children" (available)	Committee: "Special Education for Handicapped children" see also: Bittner,Schmid
Ewert,Prof.Otto Bochum	"Scientific evaluation and educational assistance to primary education classes (entrance level) in North-Rhine Westphalia. Consequences for the concept of primary education (entrance level)" (1.2.1973)	Committee: "Primary Education (Entrance Level)"
Ewert, Prof.Otto Bochum	"Draft of a chapter of a report on recommendations -(Working title:)"Scientific evaluation and educational assistance to classes and teachers" (1.2.1973)	Committee: "Primary Education (Entrance Level)"

Author	Theme of expertise	Observations
Eyferth,Prof. Klaus Darmstadt	"Educational technology and curriculum development" (available)	Committee: "Curriculum Development"

Author	Theme of expertise	Observations
Feldhoff,Prof.Jürgen Berlin	"Sociological aspects of social learning; communication,interaction and conflict" (1.11.1972)	Project Group: "Planning of Educational Research"
Fend,Prof.Helmut Konstanz	"State of research on the problem of social learning" (30.4.1973)	Project Group: "Planning of Educational Research"
Flechsig,Prof.Karl-Heinz Konstanz	"Decision-making processes in curriculum development. Summary of the analytical findings on curriculum decisions in the Federal Republic of Germany with special reference to process factors and content-critical elements" (available)	Study Group: "Curriculum" see also: Haller
Flechsig,Prof.Karl-Heinz Konstanz	"Principal research themes in educational technology in connection with curriculum development" (1.11.1972)	Project Group: "Planning of Educational Research"
Flitner,Prof.Andreas Tübingen	"Training and work of qualified staff in the elementary sector and in primary education (entrance level) Part I:The present position... Part II:Models and proposals ..." (1.2.1973)	Committee: "Primary Education (Entrance Level)" see also: Hundertmarck,Küchenhoff,Münchmeyer
Friedrich,Dr.Hannes Göttingen	"Psychological and psychotherapeutical problems of counselling" (1.11.1972)	Project Group: "Planning of Educational Research"

Author	Theme of expertise	Observations
Friedrich, Horst Gießen	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - hairdressers and barbers -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Lehmberg
Frommelt, Bernd Wiesbaden	Brief expertise "Organization of an innovations agency on a medium level with regard to experiences in comprehensive schools" (available)	Committee: "Curriculum Development"

Author	Theme of expertise	Observations
Gloy, Klaus Konstanz	"Evaluation and social context. Study of the social evaluation of curricula in the elementary sector; taxonomy of context, learners' groups, socio-linguistic aspects" (available)	Project Group: "Elementary Sector" see also: Bargel, Heinke, Presch, Walter
Gottwald, Karen Nürnberg	"Determinants of further education motivation" (available)	Committee: "Further Education" see also: Brinkmann
Grimm, Wolfgang Frankfurt/M	Brief expertise "Analysis and comparison of formal training qualifications in distributive-administrative occupations" (available)	Study Group: "School leavers with "Abitur" Certificates"
Grimmer, Dr. Klaus Darmstadt	"Legal questions relating to a further education information system and the educational statistics project" (in preparation)	Study Group: "Further Education Information System (Committee: 'Further Education')" see also: Brinckmann
Grüner, Prof. Gustav Darmstadt	"Models and the substantiation of a curricular link between vocationally-oriented and academically-oriented courses in the secondary education (second level): commercial-administrative subjects" (available)	Committee: "Vocational Education" see also: Berke
Grupe, Prof. Ommo Tübingen	"Sport and physical training in secondary education (second level)" (15.1.1973)	Committee: "Secondary Education (Second Level)"

Author	Theme of expertise	Observations
Haarmann, Dr. Dieter Frankfurt/M	"The first school year of compulsory education in the Federal Republic of Germany. Analysis of the present situation and proposals for changes in the first school year in the light of the concept of the entrance level of primary education" (1.12.1972)	Committee: "Primary Education (Entrance Level)"
Haller, Hans-Dieter Hamburg	"Decision-making processes in curriculum development. Summary of the analytical findings on curriculum decisions in the Federal Republic of Germany with special reference to process factors and content-critical elements." (available)	Study Group: "Curriculum" see also: Flechsig
Haller, Hans-Dieter Hamburg	"Methods and conditions of curriculum development in project groups in the Federal Republic of Germany" (preliminary report is available)	Committee: "Curriculum Development" see also: Westermann
Haller, Hans-Dieter Hamburg	"Draft of a model for the entrance level of primary education"	Committee: "Primary Education (Entrance Level)"
Halstenberg, Christoph Hamburg	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - clerical workers in industry -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Herold, Hinrichs
Harder, Wolfgang Bielefeld	"The state of school reform and prospects for a changed reform strategy" (15.11.1972)	Committee: "Curriculum Development"

Author	Theme of expertise	Observations
Havelock,Dr.Ronald G. AnnArbor/USA	Brief expertise "Strategies of educational innovation on a medium level with respect to the effect on teachers" (available)	Committee: "Curriculum Development"
Heckhausen,Prof. Heinz Bochum	"The contribution of psychology to educational research.Past achievements and necessary changes in the future" (1.11.1972)	Project Group: "Planning of Educational Research"
Heckhausen, Prof. Heinz Bochum	"Social learning seen from a psycholcgical standpoint; motivation, social interaction and conflict" "The achievement principle and equality of opportunity" (1.11.1972)	Project Group: "Planning of Educational Research"
Heiermann,Hans Theo Gütersloh	Brief expertise "Analysis and comparison of formal training qualifications in distributive-administrative occupations" (available)	Study Group: "School Leavers with "Abitur"Certificates (Committee:Vocational Education)"
Heinke, Uta Konstanz	"Evaluation and social context.Study of the social evaluation of curricula in the elementary sector; taxonomy of context, learners' groups, socio-linguistic aspects" (available)	Project Group: "Elementary Sector" see also: Bargel, Gloy,Presch, Walter
Henning, Armin Porz, and associates	"Training of teachers in administrative problems" (in preparation)	Committee: "Organization and Administration"

Author	Theme of expertise	Observations
Herold, Rainer Hamburg	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - clerical workers in industry - " (Part I available - Part II available)	Committee: "Vocational Education" see also: Halstenberg, Hinrichs
Hesse, Dr. Gerog F. Lahnstein	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - clerical workers in the retail trade -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Hock
Hinrichs, Dr. Heinz Hamburg	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - clerical workers in industry -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Halstenberg, Herold
Hock, Rembrant Neunkirchen	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - clerical workers in the retail trade -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Hesse
Hofer, Dr. Manfred Heidelberg	"Research on instruction theory (teaching processes)" (1.11.1972)	Project Group: "Planning of Educational Research"

Author	Theme of expertise	Observations
Hopf, Prof.Diether Berlin	"Principal research themes in educational analysis" (1.11.1972)	Project Group: "Planning of Educational Research"
Hornstein,Prof.Walter München	"Problems of youth psychology,youth sociology and the psychology of learning in 15- to 19-year-olds" (available)	Committee: "Secondary Education (Second Level)" see also: Schefeld,Schmeiser
Huber,Prof.Ludwig Hamburg	"Preliminary studies for the Curriculum Study Group" (available)	Study Group: "Curriculum"
Huber, Prof.Ludwig Hamburg	"The basic institutional concept of curriculum development with special consideration of arguments concerning innovation strategies" (15.11.1972)	Committee: "Curriculum Development"
Hundertmarck, Dr. Gisela Triesheim	"Training and work of qualified staff in the elementary sector and in primary education (entrance level)" Part I: The present position ... Part II:Models and proposals ... (1.2.1973)	Committee: "Primary Education (Entrance Level)" see also: Flitner,Küchenhoff, Münchmeyer
Hudelmeyer, Prof. Dieter Heidelberg	"The blind" (summer 1973)	Committee: "Special Education for Handicapped Children"

Author	Theme of expertise	Observations
Jussen, Prof.Heribert Brühl	"The hard of hearing" (available)	Committee: "Special Education for Handicapped Children"
Jüchter, Heinz-Theodor Wuppertal and Dienel, Prof.Peter C. Wuppertal	"Co-operation between sponsors of further education at the local-regional level" (available)	Committee: "Further Education"
Jürgensen,Prof. Carl Letter/Hannover (co-ordinating)	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - farmers -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Preißel

Author	Theme of expertise	Observations
Kanter, Prof. Gustav Lüneburg	"Backward children" (available)	Committee: "Special Education for Handicapped Children"
Kasakos, Gerda Frankfurt/M.	"Research in the interrelated fields of educational institutions and youth assistance programmes (supplementary work in the sphere of "compensatory education") (1.11.1972)	Project Group: "Planning of Educational Research" see also: Ortmann
Kautter, Prof. Hansjörg Reutlingen	"Procedures of admission and transfer to special schools" (available)	Committee: "Special Education for Handicapped Children"
Kayser, Bodo Göttingen	"Goal-oriented forms of instruction in primary education (entrance level)" (available)	Committee: "Primary Education (Entrance Level)"
Keitel, Christine Berlin	"An example of framework guidelines (section) for the teaching of mathematics and related subjects in the first level primary school" (available)	Committee: "Curriculum Development" see also: Damerow
Klein, Prof. Gerhard Pfullingen	"Early teaching of children with possible learning handicaps" (available)	Committee: "Special Education for Handicapped Children"
Kleinbeck, Uwe Bochum	"The vocational training of young people from the standpoint of a psychological theory of occupational behaviour (with special consideration of motivation by different training places" (available)	Committee: "Vocational Education"

Author	Theme of expertise	Observations
Knura, Prof. Gerda Köln	"Children with speech defects" (available)	Committee: "Special Education for Handicapped Children"
Knüttel, Willi Mannheim	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - electrical engineering- (Part I available - Part II in preparation)	Committee: "Vocational Fducation" see also: Mayer, Pfeuffer
Krappmann, Dr. Lothar Berlin	"Play in primary education (entrance level); playing and learning; socialization through play; play situations; play stimuli; practical proposals" (1.11.1972)	Committee: "Primary Education (Entrance Level)" see also: Calliess, Conolly-Smith, Daublesky
Krappmann, Dr. Lothar Berlin	Draft text: "Learning opportunities for 3-to 5-year-old children" (available)	Project Group "Elementary Sector" see also: Bargel, Kreppner
Krappmann, Dr. Lothar Berlin	Brief expertise: "Hearing in the Committee Primary Education (Entrance Level)" (available)	Committee: "Primary Education (Entrance Level)"
Kreppner, Dr. Kurt Berlin	Draft text: "Reflections on the evaluation of pre-school curricula" (available)	Project Group: "Elementary Sector" see also: Bargel, Krappmann
Küchenhoff, Prof. Werner Benningsen	"Training and work of qualified staff in the elementary sector and in primary education (entrance level)" Part I: The present position... Part II: Models and proposals ... (1.2.1973)	Committee: "Primary Education (Entrance Level)" see also: Hundertmarck, Flitner, Münchmeyer

Author	Theme of expertise	Observations
Kuhlmann, Dr. Caspar Bremen	"At what points does the educational concept of the Structural Plan imply changes in educational administration" (available)	Committee: "Organization and Administration"
Kuhlenkamp, Detlef Frankfurt	Brief expertise: "Problems of educational leave with regard to "Volkshochschulen" (adult education institutes)" (available)	Committee: "Further Education"
Krumm, Prof. Volker Berlin	"Analysis of the present curricula and subject-material for business studies at part-time and full-time vocational schools (Kaufmännische Berufs- und Berufsfachschulen) in the Laender of the Federal Republic of Germany" (available)	Committee: "Vocational Education"
Kytzia, Peter Bensberg	"Analysis and comparison of formal training qualifications in distributive-administrative occupations" (available)	Study Group: "School leavers with "Abitur" Certificates" see also: Elias

Author	Theme of expertise	Observations
Lehmberg, Dr. Hans Nieder-Beerbach	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - hairdressers and barbers -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Friedrich
Lempert, Prof. Wolfgang Berlin	Brief expertise: "Training in the enterprise and training in work-shops and schools in the light of social learning and the functionality of training" (available)	Committee: "Secondary Education (Second Level)"
Liegle, Dr. Ludwig Bochum-Langendreer	"Models of co-operation between the elementary sector and the primary education in an international comparison" (available)	Project Group: "Elementary Sector" see also: Braun, Süßmuth
Lingelbach, Prof. Karl-Christoph Frankfurt/M.	Brief expertise: "Participation of teachers in the development of curriculum materials (report on experiences concerning the work of the Hesse Commission on Teaching Guidelines)" (31.8.1972)	Committee: "Curriculum Development"
Löwe, Prof. Armin Heidelberg	"The deaf" (available)	Committee: "Special Education for Handicapped Children"

Author	Theme of expertise	Observations
Mayer, Prof. Rolf Stuttgart (co-ordinating)	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - electrical engineering -" (Part I available - Part II in preparation)	Committee: "Vocational Education" see also: Knüttel, Pfeuffer
Mersi, Prof. Franz Heidelberg	"Children with sight handicaps" (summer 1973)	Committee: "Special Education for Handicapped Children"
Miles, Prof.Matthew New York/USA	Brief expertise: "Strategies of educational innovation on a medium level with respect to the effect on teachers" (15.10.1972)	Committee: "Curriculum Development"
Mollenhauer,Prof. Klaus Frankfurt/M.	"Research on the interrelated fields of family, educational institutions and youth assistance programmes" (1.11.1972)	Project Group: "Planning of Educational Research"
Münchmeyer, R.M. Tübingen	"Training and work of qualified staff in the elementary sector and in primary education (entrance level)" Part I: The present position ... Part II:Models and proposals ... (1.2.1973)	Committee: "Primary Education (Entrance Level)" see also: Flitner, Hundertmarck, Küchenhoff

Author	Theme of expertise	Observations
Naschold, Dr. Frieder Konstanz	"Institutional conditions for participation and autonomization in the education system" (project) (draft available)	Committee: "Organization and Administration"
Naumann, Jens Berlin	"Exploration paper on the structuring of decision-making processes in the field of teaching and learning aids" (available)	Committee: "Organization and Administration"
Niess, Prof. Fritz Stuttgart	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - motor mechanics -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Ott, Springer, Weber

Author	Theme of expertise	Observations
Offe, Dr. Klaus München	"Research on the education and the employment systems" (1.11.1972)	Project Group: "Planning of Educational Research"
Ortmann, Hedwig Tübingen	"Research in the interrelated fields of educational institutions and youth assistance programmes" (1.11.1972)	Project Group: "Planning of Educational Research" see also: Kasakos
Ott, Heinz Stuttgart	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - motor mechanics-" (Part I available - Part II available)	Committee: "Vocational Education" see also: Niess, Springer, Weber
Otter, Christine Nürnberg (co-ordinating)	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - nursery assistants-" (Part I available - Part II available)	Committee: "Vocational Education" see also: Rohsmanith
Owen, Joslyn G. Exeter, England	Brief expertise: "Participation of teachers in curriculum development: experiences with Teachers'Centres" (available)	Committee: "Curriculum Development"

Author	Theme of expertise	Observations
Pause, Prof. Gerhard Lüneburg	"Learning prerequisites and the continuity of the contents of instruction in the entrance level of primary education" (1.10.1972)	Committee: "Primary Education (Entrance Level)"
Pechstein, Prof. Johannes Mainz	"Centres for early diagnosis and therapy - organization and functions-" (draft available)	Committee: "Special Education for Handicapped Children"
Pfeuffer, Heinz Bonn	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - electrical engineering -" (Part I available - Part II in preparation)	Committee: "Vocational Education" see also: Knüttel, Mayer
Presch, Gunter Konstanz	"Evaluation and social context. Study of the social evaluation of curricula in the elementary sector; taxonomy of social context, learners' groups, socio-linguistic aspects" (available)	Project Group: "Elementary Sector" see also: Bargel, Gloy, Heinke, Walter
Preißel, H.-G. Ilsede	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - farmers - " (Part I available - Part II available)	Committee: "Vocational Education" see also: Jürgensen

Author	Theme of expertise	Observations
Rademacker, Hermann Braunschweig	"Educational technology and curriculum development". (15.10.1972)	Committee: "Curriculum Development"
Raschert, Jürgen Berlin	"Possibilities and limits of research into the determination of learning goals" (1.11.1972)	Project Group: "Planning of Educational Research"
Raschert, Jürgen Berlin	Brief expertise: "School-oriented curriculum development in the Federal Republic of Germany in respect of the transferability of its results" (31.8.1972)	Committee: "Curriculum Development"
Rauer, Wulf Hamburg	"The entrance level of primary education in the Federal Republic of Germany. Description and analysis of a survey by the Laender Education Ministries on the present situation in the light of the Structural Plan" (1.12.1972)	Committee: "Primary Education (Entrance Level)"
Rauh, Dr. Hellgard Landau	Brief expertise: "Hearings in the Committee: "Primary Education (Entrance Level)" (available)	Committee: "Primary Education (Entrance Level)" see also: Krappmann, Spreckelsen, Zimmer
Recum, Prof.Hasso von Frankfurt/M.	Draft text: "Cost accounting for the elementary sector model programme" (available)	Project Group: "Elementary Sector"

Author	Theme of expertise	Observations
Retter, Prof. Hein Schwäbisch Gmünd	"Educational play materials in primary education (entrance level)" (1.2.1973)	Committee: "Primary Education (Entrance Level)"
Richter, Dr. Ingo Berlin	Draft text: "The legal form of the experimental programme for the elementary sector of primary education" (available)	Project Group: "Elementary Sector"
Richter, Dr. Ingo Berlin	"Research themes in the field of organization and administration" (1.11.1972)	Project Group: "Planning of Educational Research"
Rohsmanith, Kurt Hagen	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - nursery assistants - " (Part I available - Part II available)	Committee: "Vocational Education" see also: Otter
Rumpf, Prof. Horst Innsbruck	"Educational determinants of the curriculum concept" (15.11.1972)	Committee: "Curriculum Development"

Author	Theme of expertise	Observations
Sander, Dr. Alfred Landsweiler	"Statistical survey of the handicapped in the Federal Republic of Germany - methods, appraisal and trends" (available)	Committee: "Special Education for Handicapped Children"
Sandvoss, Ilse-Marie Berlin	"Requirements of space and buildings in the entrance level of primary education" (February 1973)	Committee: "Primary Education (Entrance Level)" see also: Voss
Sebbel, Erna Düsseldorf	Brief expertise: "Organization of an innovations agency on a medium level with regard to the possibility of reforming schools by the participation and further training of all school staff" (available)	Committee: "Curriculum Development"
Skowronek, Prof. Hellmut Bielefeld	Brief expertise: "Participation of teachers in the development of curriculum materials (report on experiences concerning the work of the Hesse Commission on Teaching Guidelines)" (available)	Committee: "Curriculum Development"
Söderberg, Bo Bromma/Sweden	"The meaning of aesthetic, creative and social learning in the secondary education (second level)" (available)	Committee: "Secondary Education (Second Level)"
Solarová, Prof. Svetluse Hannover	"Children with multiple handicaps" (in preparation)	Committee: "Special Education for Handicapped Children"

Author	Theme of expertise	Observations
Spreckelsen, Prof. Kay Kassel-Wilhelmshöhe	Brief expertise: "Hearings in the Committee: Primary Education (Entrance Level)" (available)	Committee: "Primary Education (Entrance Level) see also: Krappmann, Rauh, Zimmer
Springer, Prof. Günter Stuttgart	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - motor mechanics-" (Part I available - Part II available)	Committee: "Vocational Education" see also: Niess, Ott, Weber
Süßmuth, Prof. Rita Burgsteinfurt	"Models of co-operation between the elementary sector and the primary education in an international comparison' (available)	Project Group: "Elementary Sector" see also: Braun, Liegle

Author	Theme of expertise	Observations
Schefeld, München	"Problems of youth psychology, youth sociology and the psychology of learning in 15-to 19-year-olds" (available)	Committee: "Secondary Education (Second Level)" see also: Hornstein, Schmeiser
Schmeiser München	"Psychological, sociological and learning problems of the 15-to 19-year-olds" (available)	Committee: "Secondary Education (Second Level)" see also: Hornstein, Schefeld
Schmid, Volker Tübingen	"Maladjusted children" (available)	Committee: "Special Education for Handicapped Children" see also: Bittner, Ertle
Schmidt, Hans-Joachim Lüneburg	"Guidelines and proposals of the Laender school administrations for educational work in pre-school classes and the entrance level of primary education, including a survey of training and further training programmes for and the supervision of staff" (31.12.1972)	Committee: "Primary Education (Entrance Level)"
Schmidt, Hans-Joachim Lüneburg	"Analysis of the guidelines for pre-school and entrance level education in the Federal Republic of Germany. Common aspects and differences in developments in the Federal Laender" (available)	Committee: "Primary Education (Entrance Level)"
Schmidt, Walter Dieter Bad Honnef	"Journeys and residential visits abroad as a part of the curriculum for secondary education (second level)" (1.2.1973)	Committee: "Secondary Education (Second Level)"

Author	Theme of expertise	Observations
Schmidt-Wenkebach, Barbara Berlin	Brief expertise: "Problems of educational leave, in the families" (available)	Committee: "Further Education"
Schönberger, Prof. Franz Reutlingen	"The bodily handicapped" (available)	Committee: "Special Education for Handicapped Children"
Schorb, Prof. Alfons Otto München	"Educational technology in secondary education (second level)" (available)	Committee: "Secondary Education (Second Level)"
Schörken, Dr. Rolf Metzkausen	"Political studies in secondary education (second level)" (1.1.1973)	Committee: "Secondary Education (Second Level)"
Schröder, Prof. Karl Offenbach-Bürgel	"Principles and elements of foreign language teaching in secondary education (second level)" (1.1.1973)	Committee: "Secondary Education (Second Level)"
Schulz-Linkholt, Prof. Fritz (co-ordinating) Heidelberg	"Vocational training for the handicapped" (available)	Committee: "Special Education for Handicapped Children"
Schwab, Prof. Martin Kiel	"Differentiating and individualizing teaching in the entrance level of primary education, with special reference to socially disadvantaged and backward children" (15.1.1973)	Committee: "Primary Education (Entrance Level)"
Schwartz, Prof. Erwin	"Trends to the linking of the entrance level and the second level in primary education. Innovations in primary schools with special reference to problems of continuity and transition" (1.2.1973)	Committee: "Primary Education (Entrance Level)"

Author	Theme of expertise	Observations
Starke, Dr. Marie-Theres Münster	Brief expertise: "Problems of educational leave in the sphere of catholic adult education" (available)	Committee: "Further Education"
Stellberg, Wilfried E.-Frohnhausen	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - fitters" (Part I available - Part II in preparation)	Committee: "Vocational Education" see also: Bartscherer, Breithecker
Stoehr, Irene Berlin	"Analysis of comprehensive school experiments in the light of organizational problems and problem solutions" (draft available)	Committee: "Organization and Administration"

Author	Theme of expertise	Observations
Taylor, L.C. London/England	Brief expertise: "Participation of teachers in curriculum development:experiences with Teachers' Centres" (available)	Committee: "Curriculum Development"
Thiersch, Prof. Hans Tübingen	"Research on young people" (1.11.1972)	Project Group: "Planning of Educational Research"
Tütken,Dr. Hans Göttingen	"Research themes in curriculum development" (1.11.1972)	Project Group: "Planning of Educational Research"

Author	Theme of expertise	Observations
Valtin, Dr. Renate Hamburg	"Analysis of existing concepts of the promotion of verbal skills, in particular of the concepts for the entrance level of primary education" (1.3.1972)	Committee: "Primary Education (Entrance Level)"
Voss, Gisela Berlin	"Requirements of space and buildings in the entrance level of primary education" (February 1973)	Committee: "Primary Education (Entrance Level)" (is being prepared by the School Building Institute in Berlin) see also: Sandvoss

Author	Theme of expertise	Observations
Walter, Dr. Heinz Konstanz	"Evaluation and social context. Study of the social evaluation of curricula in the elementary sector; taxonomy of social context, learners' groups, scio-linguistic aspects" (available)	Project Group: "Elementary Sector" see also: Bargel, Gloy, Heinke, Presch
Weber, Prof. Günter Stuttgart	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - motor mechanics-" (Part I available - Part II available)	Committee: "Vocational Education" see also: Niess, Ott, Springer
Weinert, Prof. Franz Neckargemünd	"Contributions of the psychology of learning to educational research, as illustrated by applied basic research" (1.11.1972)	Project Group: "Planning of Educational Research"
Wenzel, Prof. Achill Koblenz	"Differentiation in primary education (entrance level) - with consideration of the increasingly course-oriented style of teaching" (15.1.1973)	Committee: "Primary Education (Entrance Level)"
Werner, Heinz Erlangen	Brief expertise: "The employment system of the Federal Republic of Germany compared with those of some EEC countries" (available)	Study Group: "School Leavers with "Abitur" Certificates (Committee: "Vocational Education")"
Westermann, Rolf Hamburg	"Methods and conditions of curriculum development by project groups in the Federal Republic of Germany" (available)	Committee: "Curriculum Development" see also: Haller

Author	Theme of expertise	Observations
Wudtke, Hubert Hamburg	Draft text "Scientific and educational policy features of the starting situation for changes in the entrance level of primary education" (15.10.1972)	Committee: "Primary Education (Entrance Level)"

Author	Theme of expertise	Observations
Zimmer, Jürgen München	Brief expertise: "Hearing of the Committee: Primary Education (Entrance Level)" (available)	Committee: "Primary Education (Entrance Level)" see also: Krappmann, Rauh, Spreckelsen

Supplement

1. Institut für Bildungsplanung und Studieninformation
Stuttgart
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7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Experiment "Eingangsstufe" (primary education, entrance level): a two-year entrance level course at the Karl Benz School in Stuttgart-Bad Canstatt and a model kindergarten at the Schwäbische Frauenverein

3. Seven groups of 25 children, in the charge of 3 primary school teachers and 4 nursery school teachers, are receiving all-day schooling

3.1. Compensatory education to offset inadequacies due to environmental deprivation

3.2. These activities are based on the concept of the Baden-Württemberg Ministry of Education, "Aids and Guidelines for Experiments in the Elementary Sector of Education" (5th edition)

3.3. Promotion rather than selection, equal starting opportunities, links between the "Elementarbereich" and the "Primarbereich" (elementary sector, pre-primary education and primary education)

4. Beginning autumn 1972; probable completion 1976/77

5. The first interim report will be available in summer 1973

6. ---

7. Prof. Harry Hauke (c/o Pädagogische Hochschule, 7070 Schwäbisch Gmünd, Lessingstrasse 7)

8. Dr. Gebauer
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Model Schools Study Group at the University of Tübingen
Dr. Neff

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education
Federal Ministry of Education and Science
The City of Stuttgart

228

Lehmann, J. 11o
Lehmberg, H. 197
Lehrke, M. 11o
Lempert, W. 14,197
Lenhardt, G. 15
Lessin, U. 72
Leupoldt, R. 46
Leute, L. 8o
Liegle, L. 197
Liegle, W. 127,128
Lieske, B. 152
Lind, G. 11o
Lindenlaub, S. 67
Lindner, B. 152
Lingelbach, K.-Chr. 197
Lipski, J. 127,128
Löchl, D. 75
Löthe, H. 167,168
Löwe, A. 197
Louis, B. 13o,133
Lucht H. 1o9,117
Ludwig, H.-G. 6o
Lukatsch, J. 134

von Mackensen, M. 155
Madjaric 172
Märtl, H.-G. 95
Mahler, G. 84
Mander 83
Mann, Th. 1o3
Mannzmann, A. 146
Marcus, W. 117
Marx, U. 162
Mattes, K. 93,99
Matthias, P. 5,16
Mattl, W. 161
Mausch, H. 118
Mayer, R. 198
Mazur, R. 129
Meder, B.S. 152
Meindl, U. 82,85
Meischner, G. 1o
Meister, J.J. 136
Menck, P. 146
Mente 15o
Merkle, E. 86
Mersi, F. 198
Metz 83
Meyer, H. 146
Meyer, I. 153
Meyer, R. 166
Meyerbröker, H. 111
Meyer-Rutz, E. 24
Mie, K. 111
Miles, M. 198
Mitter, W. 58,71
Möhling, R. 69
Möller, E. 81

Molle, F. 5o
Mollenhauer, K. 17o,198
Mollwo, I. 44,45,51
Müller, E. 17o
Müller, H. 42
Müller, U. 39
Müller, Ulrich 73,75
Müller-Fohrbrodt, G. 12o
Müller Philipps Sohn, H. 157,158,162
Münch, J. 149
Münchmeyer, R.M. 198
Mutschler, R. 75

Nagl, W. 121
Naschold, F. 199
Naumann, J. 25,199
Neuburger, E. 129,176
Neuhaus, R. 17
Neuner, I. 172
Neuwirth, W. 86
Neuser, H. 144
Niedderer, H. 111,112
Niess, F. 199
Nitsch, W. 18
Nitsch-Berg, H. 25
Noack, H. 164,176
Nowey, W. 135,137
Nuthmann, R. 5,19

Obereisenbuchner, M. 127
Oesterreich, D. 14
Oevermann, U. 2o
Offe, K. 2oo
Oh, K. 1oo,1o1
Oppelt, W. 172
Oppelt, C. 5,14,21
Ortmann, H. 2oo
Ott, H. 2oo
Otter, Chr. 2oo
Owen, J.G. 2oo

Pankrath, R. 37
Parmentier, K. 41,5o
Pause, G. 2o1
Pechstein, J. 2o1
Peifer, H. 12o
Peisert, H. 122,123
Pelzer, S. 127
Peuckert, R. 159
Pfeuffer, H. 2o1
Pfundt, H. 117
Pietzsch, H. 153
Piontkowski, U. 147,148,175
Pittmann, J. 1o8
Plaikner, I. 55
Porttner, I. 127,128
Preissel, H.-G. 2o1
Presch, G. 124,2o1

242

Supplement

1. Institut für Bildungsplanung und Studieninformation
Stuttgart
(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. A curriculum for computer studies in the "reformierte Oberstufe in allgemeinbildenden Gymnasien" (reformed senior classes in grammar schools providing general education)

3. Development of a curriculum, including instructional materials and control of learning objectives (inform.tests)

3.1. Development of a curriculum using terminals or desk calculators in lessons, testing and revision of the curriculum

3.2. A group of grammar school and university teachers is working on the curriculum in accordance with the general guidelines laid down by a specially appointed Curriculum Commission

3.3. Working out of an algorithm, problem-solving

4. The work is planned in phases

5. The first basic course is at present in preparation; the development of 4 courses is anticipated

6. ---

7. Dr. Kerkhoff

8. Prof. P. Deussen (Karlsruhe)
Prof. R. Gunzenhäuser (Esslingen)
Prof. Chr. Schlier (Altental)

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education

Supplement

1. Institut für Bildungsplanung und Studieninformation
Stuttgart
(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Evaluation of school careers in rural districts of Baden-Württemberg

3. In 1967/68 about 10,000 pupils of grade 4 of the "Grundschule" (primary school) were tested before transfer to a "weiterführende Schule" (secondary school). The results of psychological tests and guidance are correlated with data on school success or failure at the "Gymnasium" (grammar school) and the "Realschule" (intermediate school)

3.1. Determination of the validity of forecasts based on school data, test results and social data

3.2. The storage of the data from the basic studies is completed; the school data are collected from "Gymnasium" and "Realschule" at the beginning of each school year

3.3. Testing methods used were PSB, CFT 2, AzN, as well as data on social status, teacher assessment, and primary school achievement

4. Beginning 1968
Completion of stage I ("Realschule") 1974/75
Completion of stage II ("Gymnasium") 1977/78

5. Interim reports on the 1st, 2nd, 3rd and 4th years of the evaluation period are available.
A report on a four years' evaluation period is in preparation and will be published in Schriftenreihe A of the Baden-Württemberg Ministry of Education

6. ---

7. Dr. Reichenbecher (Ministry of Education)
Dr. Rudolf H. Weiß (Institute of Educational Planning and Counselling)

8. Psychologists from 5 educational advisory centres

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education

Supplement

1. Institut für Bildungsplanung und Studieninformation
Stuttgart
(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Scientific evaluation of model schools in Baden-Württemberg (aspect: economic viability)

3. The aim of the project is a study of expenditure and costs of model schools

3.1. Development and description of methods and techniques for carrying out economic analyses of model schools, and their application

3.2. Analysis of techniques for the economic analysis of schools as described in the literature, and compilation and evaluation of empirical data on model schools in Baden-Württemberg

3.3. Expenditure cost analysis of model schools, cost indices of model schools, economic indices of model schools, quantitative economic study of model schools, economic viability of model schools

4. Beginning May 1972; probable completion 1976

5. First report on the findings of an empirical survey providing basic data on Baden-Württemberg's model schools available in June 1973

6. ---

7. Dr. Rudolf H. Weiß

8. Rüdiger Haug
Dr. Friedemann Würmlin

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education
Federal Ministry of Education and Science

Supplement

1. Institut für Bildungsplanung und Studieninformation
Stuttgart
(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Evaluation of school careers in the Stuttgart Urban District (N = 6000)

3. In 1967/68 pupils of grade 4 of the "Grundschule" (primary school) were tested before transfer to the "Gymnasium" (grammar school) or "Realschule" (intermediate school). The results of psychological tests and guidance of approximately 3,500 pupils are correlated with data on school success or failure at the "Gymnasium" or "Realschule" over a period of 6 to 9 years respectively.

3.1. Determination of the validity of forecasts based on school data, test results and social data

3.2. The storage of data from the basic studies is completed, the school data will be collected from "Gymnasium" and "Realschule" at the beginning of each school year and recorded on punch-cards. Statistics: percentage calculations, correlation and factor analysis

3.3. Test methods used were PSB, CFT 2, AzN, as well as data on social status, teacher assessment and primary school achievement

4. Beginning 1969
End of stage I ("Realschule") 1975
End of stage II ("Gymnasium") 1978

5. Interim reports are available for the first 3 years of the evaluation period.
A report on a two years' and a three years' evaluation period, to be published in Schriftenreihe A of the Baden-Württemberg Ministry of Education, is in preparation

6. ---

7. Dr. Rudolf H. Weiß (Institute of Educational Planning and Counselling)

8. Herr Helstin (Educational Advisory Centre, Stuttgart)
Herr Schmitz (Educational Advisory Centre, Stuttgart)

9. Baden-Württemberg Ministry of Education 232

10. Baden-Württemberg Ministry of Education

Supplement

1. Institut für Bildungsplanung und Studieninformation
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2. *Evaluation of the counselling* of school leavers with "Abitur" certificates

3. ---

3.1. Checking of the forecasting reliability of psychological testing techniques (forecasts of university success, classified according to courses of study) for educational and student counselling

3.2. Psychological techniques to test personality and achievement factors

3.3. University drop-outs, techniques for forecasting university success

4. 1971 to 1976

5. ---

6. ---

7. Dr. Rudolf H. Weiß

8. Herr Ofenheimer
Herr Osterland

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education
Federal Government grants since 1972

Subject Index

adult education
-cf. also distant studies, educational leave, further training
-Africa 60
-Bavaria 136
aesthetic learning 204
anthropology 150
automation
-cf. computer assisted instruction, educational technology, electronic data processing, multi-media approach, programmed learning

biology
-curriculum 113, 114, 155
business studies
-at the "Berufsschule" 211

chemistry
-curriculum 116, 117, 155
chemistry teachers 159
class-room observation 130, 132, 133, 163, 170
comprehensive school
-aspects of educational policy 25,66
-evaluation of experiments 134, 208
-innovation agency 187
-school comparison 121
computer assisted instruction 153,167, 168, 169
-cf. also educational technology, electronic data processing, programmed learning
creative learning 204
curriculum evaluation
-pre-school 178, 188, 195,201, 211
curriculum development
-biology 113, 114, 146
-chemistry 116, 117
-commercial courses 179
-committee of the Education Council 179,184,185,189,190,192,197,198, 202,203,204,209,211
-education science 146
-English 146
-German 146
-history 146
-integrated curricula 107,113,115,155
-mathematics 23,183,194
-media approach 170
-open curriculum 127,142
-participation of teachers 200
-physics 111,112, 155
-politics 146
-pre-school 127,128
-religious instruction 142
-teacher training 58
-technology 146

curriculum discussion
-survey 25
curriculum materials
-storage 156
curriculum theory
-model 106
cybernetics in school instruction 113,114

dialect 63
didactics
-pre-school 68
-programmed instruction 151, 152,168
-school 9,10,130,146,152,155
-teacher training 133,163
-university 39,94,103,124,147, 148,163,165,171
distant studies
-chemistry teachers 159
-innovation barriers 157
-group work 160,161
-priorities 158
-radio college 160,162
drop-out
-further training 51
-"Telekolleg" 131
-university 219

education policy
-and manpower problems 5,13, 16,19,21
educational leave 177,182,183, 196,207,208
educational planning
-cf.also research planning, university planning, school planning
-Bavaria 135
-further education 91
-optimization models 93

-quantitative effect 49
-simulation models 96,100,101
educational research
-contribution of economic sciences 8
-empirical 99
-financing 7
-institutions 144
-planning of 7,8,182,183,184,186,190, 191,192,194,198,200,202,203,209
educational system
-simulation model 96,100,101
-administration 199
educational technology 104, 207
-cf.also computer assisted instruction, cybernetics,electronic data processing, multi-media approach, programmed learning
electronic data processing
-university organization 77,79,80,83
-use in schools 167,168,169,215
elementary education
-cf. pre-school education
employment opportunities
-handbook 41
employment systems
-FRG-EEC countries 211
English
-curriculum 146
-university studies 77

financing
-educational reform 25
-educational research 7
-elementary education 202
-further education 6
-schools 25,30,32,36,65
-university 95
foreign language teaching 146,207
further education
-cf. also adult education,distant studies,educational leave
-Baden-Württemberg 91
-information system 180,188
-financing 6
-motivation 181,188
-regional planning 73, 183,193
-success control 51
-for teachers cf.teacher
-and vocational training 149
-and work situation 15,89

German 146,179
graduates
-cf.university graduates
group structure
-children 129
-school class 172
group work
-distant studies 160,161
guidance 55, 139

handicapped children
-backward children 125,194,207
-blind 192
-bodily handicapped 207
-deaf 193,197
-maladjusted children 179, 184,206,
-mentally hindered 178
-multiple handicaps 204
-special education 125,175, 184,194,201,206
-speech defects 195
-statistical survey 204
-vocational training 207
history
-curriculum 146

interaction analysis
-distant studies 160
-school 163,170
-university 148

labour
-cf. manpower
learning
-cf. also school achievement
-adults 89
-distant studies 160,161
-learner oriented teaching 115
-"Telekolleg" 131
-university 147,148
longitudinal studies
-graduates 122
-reading instruction 130
-school achievement 3
-school leavers with Abitur certificates 55
-students 147
-teachers' attitudes 119
-transfer 88,216,218

manpower
-distribution 46
-and educational policy 5,13,16,19,21
-highly qualified 16,19
-job vacancies 40
-labour market 4,38,54,93,102
-labour supply 48,49,50,54
-mobility 180
-projection of requirement 4,102
mathematics
-in schools 23,25,183,194
-for physics students 171
medical training 164
multi-media approach
-cf.also distant studies
-school instruction 169,170
-teacher training 133, 163
music instruction 25

natural sciences
-curriculum development 23, 107,108, 111,112,113,116,117,155
-integrated curricula 107,115
-psychological aspects 109,110
-special schools for the handicapped 125
-Waldorf schools 155
numerus clausus 103

occupation
-and vocational training cf.vocational training
occupational careers
-men 44
-women 45
occupational statistics 46,50
outsider
-children's group 129

parental home
-and choice of career 92
-and choice of school 56,87,88,138
-conflict of generations 3
-educational behaviour 57,66
-educational programmes for parents 126
-influence on development 20
participation
-school 24,118
-university 24
physics
-instruction 111,112,155,169
play 25,166,179,182,183,195,203
playground 166
political education
-school 146,207
-university 18
pre-school age
-emotional behaviour 68
-learning opportunities 195
-social learning 127
-television 141
-verbal skill 70,178,188,190, 201,211
pre-school education
-administrative problems of experiments 178,202,203
-children's groups 129
-co-operation with primary education 180,197,205,214
-curriculum 127,128,178,180, 188,195,201,211
-furniture 31
-regional planning 74
-teacher training 183,186,192, 195,198,206
primary education
-co-operation with pre-school education 180,197,205,214
-educational changes 212
-first school year 130,189
-guidelines 206
-reading instruction 130
-regional planning 74
-school experiments 56,189,214
-social psychological studies 71
-space requirements 27,204,210
-teacher training 183, 186,192, 195,198,206
-teaching methods 182,183,194, 195,203,207,210
-transfer to secondary schools 87,88,98,138,216,218

programmed learning 151,152,171, 215

reading instruction 130
religious instruction 72,142
research planning
-university 79

school achievement 3,9,10,63,71,98,125, 137,172,184,190,216,218
school administration 59,190
school building
-costs 30,32,36
-equipment 29,31,33,34
-influence on education 35
-plans 26
-safety regulations 37
-space programmes 27,204,210
school class
-group structure 172
school comparison 121,134
school experiment 56
-scientific evaluation 69,134,146,217, 220
school leavers with Abitur certificates
-attitudes 119
-guidance 55
-vocational training 178,180,181,182, 183,184,188,190,196,211
school planning
-cf. also educational technology, school administration,school building, school experiment
-regional 28,74,135
-simulation model 100,101
social learning
-pre-school 127
-psychological aspect 190
-secondary education 204
-sociological aspect 186
socialization
-children 129,195
-medical practice 164
-school 3,118,121,172
-teachers 119
-university 124,148
sport 188
students cf.university students

teacher
-attitudes 10,25,64,119,163,190,198
-influence 68, 98, 172
-further education 113, 132, 133, 143, 159, 162, 168
-participation in curriculum development 200, 209
-supply of 93
teacher training 11,25,58,119,132, 133,163,168,183,186,190, 192,195,198
teaching science
-cf. didactics
technology of education
-cf. educational technology
television
-adolescents 140
-pre-school age 141
-"Telekolleg" 131
thesaurus
-educational research 17
-programmes 97
-university teaching 165
transfer
-rates 90,96,99,100,101
-participation 87,88,98,123, 135,138
-studies 121, 134, 216, 218

university
-and distant studies 157,158
-"Gesamthochschule" 75, 94
-Japan 25
-non-subject education 122
-participation 24
-political aspect 18, 25
-reform 25
-research planning 79
university access
-alternative means of access 180
-forecast 86
-numerus clausus 103
-regulation 95
university capacity
-determination 77, 83, 93
-numerus clausus 103
university fees 95
university graduates
-educational careers 122
-forecast 42
-introduction to employment 13
-speech habits 124
university organization
-with EDP 77, 79, 80, 83

university planning
-conceptions 76
-documentation system 82, 85
-regional planning 81,84
-simulation models 77,83,95,100
-space requirements 78
-utilization of premises 103
university students
-cf. also drop-out, teacher training, university access, university graduates, university planning
-beginners 55, 86, 95, 219
-choice of courses 75
-learning behaviour 147,148
-Lebanon 61
-Philippines 62
-proportion of the age group 47
university study courses 55, 82, 119, 122, 147, 219
university teaching
-cf. didactics

verbal skill
-elementary education 70,178,188,190, 201,211
-graduates 124
-promotion 70,210
-school 20,63,125
vocational training
-apprenticeships 52
-choice after leaving "Hauptschule" 92, 137, 139
-and further education 149
-for handicapped 207
-motivation 194
-and occupation 4,5,13,16,19,21,40,41, 43,44,45,154
-regional problems 137,154
-research priorities 179
-science 25
-specified training courses 39,179, 180,181,183,184,187,188,190, 191,192,193,195,196,197,198,199, 200,201,203,205,208,211
-teachers cf.teacher training
-women 25, 45

Waldorf-school 155
women
-careers 45,50
-vocational training 25

Index of Names

Acevedo, J. 85
Achtenhagen, F. 146
Allgayer, K. 177
Amano, M. 25
Amelang 29
Amman, K. 6o
Anders, W.H. 156
Arlt, W. 151
Armbruster, W. 5
Auernheimer, R. 127

Bach, H. 178
Back, H.-J. 178
Baethge, M. 179
Bambach, H. 127,128
Bamberg, U. 14
Bargel, T. 122,178
Bartels, J. 76
Bartenwerfer, H. 55
Barth, D. 178
Bartscherer, G. 178
Bauer, A. 56,57
Baumann, H.W. 75
Baumann, M. 1o2
Baumann, R. 142
Baumert, J. 25
Baur, R. 87,88,92,98
Bayer, M. 58
Bayrhuber, H. 113,114
Becker, G. 179
Beilhardt, K. 179
Berg, G. 82
Berger, M. 151
Berke, R. 179
Bertelsmann, K. 179
Bertram, H. 1o4,1o5
Bessoth, R. 59
Bierfelder, W. 157,158
Bittel, H. 1o3
Bittner, G. 179
Blanckertz, H. 146,175,179
Blass, G. 149
Blinkert, B. 18o
Blüm, A. 53,54
Böhle, P. 73
Boehm, U. 6
Böhme, M. 76
Böhmeke, W. 55
Bonn, P. 17o
Bonnke, E. 152
Braun, F. 18o
Braun, J. 39
Braun, M. 18o
Brehm, K.-H. 18o
Breithecker, B. 18o
Bremmer, A. 14
Briese, V. 118
Brill, S. 72
Brinckmann, H. 18o
Brinkmann, Chr. 44,51,18o,181
Buck, P. 159
Büchner, P. 118
Bürger, W. 11o
Bullerdiek, W. 139
Bunzel, E. 78
Burkert, J. 169
Busboom, H.-P. 181
Buttgereit, M. 89

Callies, E. 182
Cappel 132
Chaberny, A. 4o,41
Cloes, H. 8o
Cloetta, B. 12o
Coenen, R. 1o4
Connert, S. 172
Connolly-Smith, E. 182
Conrad, C. 25
Conrad, J. 1o3
von Cranach, M. 1o
Crummenerl, R. 182
Czermak, G. 129
Czerwenka, K. 172
Czyborra, E. 182

Dadzio, W. 43,51
Dahlhaus, H. 183
Damerow, P. 23,25,183
Dann, H.-D. 12o
Daublesky, B. 183
Dauer, U. 14o
Dehlinger, H. 1o3
Dehmel, H. 183
von Derschau, D. 183
Dettweiler, E. 77
Deuchert, P. 89
Dieckmann, B. 89
Diederich, J. 183
Dienel, P.C. 183,193
Dierks, W. 117
Diesterweg, S. 75
Dietz, M. 151
Dietz, R. 134
Döring, P.A. 65
Dörner, K. 18
Dorsch, B. 67

Dybowski, G. 6
Dräger 17o
Draxler, A. 156
Duit, R. 111,112
Dumpert, K. 113,114

Eckensberger, L. 12o
Edding, F. 6,7,8
Edelstein, W. 9,1o,184
Effler, M. 55
Ehmke, U. 152,153
Eigler, G. 184
Ekardt, H.-P. 39
Elbers, D. 23,184
Elias, R. 184
Elwitz, U. 23
Engelhardt, P. 171
Ertle, Chr. 184
Eulefeld, G. 113
Ewert, O. 184
Eyferth, K. 167,168,185

Fek 99
Feldhoff, J. 186
Fend, H. 121,186
Fenger, H. 4o,41
Firnkes, M. 141
Fischer, G. 115
Fischer, K. 167,168
Flechsig, K.-H. 186
Flitner, A. 186
Framheim, G. 122
Franck, H. 151,152,153
Franzke, R. 25
Frech, H.-W. 11
Freese, H.L. 1o
Frenzel, U. 53,54
Frey, H.W. 77,83
Frey, K. 1o6,1o7
Friedrich, Hannes 186
Friedrich, Horst 187
Frommelt, B. 187

Gaulke, K.-P. 4
Gerken, H. 78
Gerngross, G. 134
Gerstacker, R. 127
Giesen, H. 55
Gloy, K. 124,188
Gösele 29
Goldschmidt, D. 12,24
Gottsleben, V. 42,47
Gottwald, K. 41,44,188
Graudenz, I. 67,68
Grieger, D. 9o,91
Griese, J. 77,86
Grimm, W. 188
Grimmer, K. 188
Groeben 71
Groh, H. 1o3
Grotemeyer 23
Grüner, G. 188
Grupe, O. 188
Günther, W. 24
Guhde, E. 17
Guski, R. 11

Haarmann, D. 189
Haberkorn, R. 127
Haeberlin, U. 124
Härtel, H. 111
Häßler, U. 66
Häußler, P. 1o7,1o8,115
Hage, P. 118
Hagemann, U. 127
Haller, H.-D. 189
Halstenberg, Chr. 189
Hampel, R. 61
Hanf, Th. 56,57,59,6o,61,62,64,66
Harder, W. 189
Hartmann, I. 79
Hartung, D. 5,13
Hastenteufel, R. 53,154
Hassanizadeh, A. 76
Hasselberg, J. 63
Hauer, D. 67,68
Hausruckinger, A. 134
Havelock, R.G. 19o
Hebel, K.-H. 11
Heckhausen, H. 19o
Hegelheimer, A. 4,38,53
Hegelheimer, B. 17,25
Heiermann, H. Th. 19o
Heinke, U. 19o
Heinrich, P.B. 171
Heintz, M. 9o
Heinz, H. 5o
Heinze, Th. 17o
Helmreich, R. 12o
Hemmer, P. 127
Henning, A. 19o
Hermann, G. 1o3
Herold, R. 191
Herzog, K. 84
Hesse, G.F. 191
Heyner, W. 112,115
Hilgers, R. 151
Hinrichs, H. 191
Hochwald, K.-H. 143,145
Hock, R. 191
Höhn, R. 11o
Hölck, P. 111
Höltershinken, D. 166,175
Hofer, M. 191
Hofbauer, H. 43,44,45
Hoffelner, H. 144
Hoffmann, L. 1o9,115

Hoffmeister 3o
Hollenbach, G. 151
Holzapfel, G. 89
Hopf, A. 64
Hopf, D. 9,1o,192
Hornstein, W. 192
Huber, B. 67
Huber, L. 192
Hudelmeyer, D. 192
Hübner, S. 12
Hüfner, K. 7,8,18
Hummer, A. 55
Hundertmarck, G. 192

Irskens, B. 67
Isensee, W. 113
Isserstedt, W. 79

Jaeckel, K. 111
Jaeger, A. 87,88,92,98
Jaeger, R. 9o
Jenne, M. 25
Jentzsch, K. 79
Johann, G. 84
Jüchter, H.-Th. 193
Jüllig, W. 83
Jürgens 31
Jürgensen, C. 193
Jussen, H. 193

Kämpfe, N. 123
Kahlert, H. 65
Kaiser, M. 4o
Kanter, G. 194
Karr, W. 46
Karst, J. 1o4,1o5
Karthaus, V. 93
Kasakos, G. 194
Kattmann, U. 1o9,113
Kautter, H. 194
Kayser, B. 194
Kehler, A. 77
Kehler, I. 94
Keil, W. 147,148,175
Keilhacker, Margarete 14o,141
Keilhacker, Martin 139
Keitel, Chr. 23,25,194
Keitel, H. 171
Kellner, G. 95
Kind 85
Kircher, E. 111
Kirfel-Rühle
von Lilienstern, A. 74
Klafki, W. 125,17o,175
Klaiber, D. 165
Klauder, W. 47,48
Klaus-Roeder, R. 66
Kleemann, S. 18
Klein 29
Klein, G. 194
Klein, S. 1o4
Kleinbeck, U. 194
Kling, U. 167
Klinzing, H.G. 163
Klose, S. 37
Kluxen, W. 149
Knab, D. 23,142
Knörzer, W. 121
Knüttel, W. 195
Knura, G. 195
Koch, J.-J. 12o
König, H. 86
König, P. 43,44
Kötter, B. 55
Kolb, G. 16o
Kolbe, M. 58
Kolbinger, L. 167
Konrad, W. 1oo
Korpiun, K.J. 1o3
Korte, W. 167,168
Kraak, B. 67,68,69,7o
Krähe, H. 164
Krämer, H.-J. 55
Kraemer, U. 163
Kraft, H. 43,44
Krampen, M. 165,175
Kranich, E.-M. 155,175
Krappmann, L. 2o,195
Krauch, H. 1o5
Krause, F. 124
Kreppner, K. 2o,195
Kröll, U. 143
Krösche, B. 127
Krumm, H.J. 163
Krumm, V. 196
Kruse 15o
Krywalski, D. 134
Küchenhoff, W. 195
Kühlewind, G. 49
Kühnle, H. 83
Künzli, R. 117
Kürthy, T. 3,176
Kuhlenkamp, D. 196
Kuhlmann, C. 196
Kulick, R. 39
Kunz, W. 1o3
Kunze, J. 25
Kurlbaum-Goy, I. 8o
Kurth, H. 99,1oo
Kytzia, P. 196

Lammert, F. 149
Lange, W. 151,152
Langner, K. 71
Langosch, I. 71
Laubsch, W. 167

Preuß, U.K. 25
Protzen, J.P. 1o3
Pröpper, S. 145
Proescher, W. 97
Pukies, J. 159

Raab, H.-U. 123
Raasch, R. 72
Raatz, U. 69
Rademaker, H. 2o2
Radimersky, H. 152
Raschert, J. 25,2o2
Rauer, W. 2o2
Rauh, H. 2o2
Reckers, P. 78
von Recum, H. 2o2
Reese, U. 1o4
Reichwein, R. 11
Reimann, P. 172
Reinert, G. 12o
Reinert, J. 67
Reitzig, K. 152
Retter, H. 2o3
Reuter, W. 1o3
Richter 15o
Richter, H. 152
Richter, I. 22,2o3
Rick, M. 17
Riekens, R. 159
Rimmele, R. 113,114
Rischkowsky, F. 82
Ritter, R. 135
Robinsohn, S.B. 23
Rollet, B. 152
Rolli, E. 1o3
Rosmanith, K. 2o3
Rothe, G. 53,154
von Rothkirch, C. 1o1
Ruchti, K. 69
Rudolph, Hartmut 169
Rudolph, Hedwig, 6
Rüdiger, D. 67
Rummel, A. 133
Rumpf, H. 2o3

Sack, L. 23
Sader, M. 148,176
Salzmann, R. 139
Sandberger, J.-U. 122
Sander, A. 2o4
Sandvoss, I.-M. 27,2o4
Sang, F. 1o
Schaefer, G. 113,114
Schaumberger, I. 7o
Schefeld 2o6
Schilke, K. 113
Schlattmann, H. 71
Schleith, B. 9o,91,97
Schlünder, G. 144,145
Schlüter, J. 149,15o
Schmeiser 2o6
Schmid, E. 39
Schmid, H. 169
Schmid, V. 2o6
Schmidbauer, M. 138
Schmidt, H. 171
Schmidt, H.-J. 2o6
Schmidt, K.-D. 78
Schmidt, M. 15o
Schmidt, R. 167
Schmidt, W.D. 2o6
Schmidt-Wenkebach, B. 2o7
Schmitt, H. 81
Schmitt, K. 62
Schmitz, E. 15
Schmolke, M. 144
Schneider, F. 1o3
Schnur, P. 48
Schober 33
Schönberger, F. 2o7
Schönfelder, W. 96
Schörken, R. 2o7
Schorb, A.O. 13o,131,132,133,136,
Schrader 149 /137,138,2o7
Schrader, H. 127
Schrammel, D. 86
Schrick, G. 5,14
Schröder, H. 172,176
Schröder, K. 2o7
Schubert 15o
Schütz, M. 24
Schulte, H. 167
Schulte, Herbert 17o
Schultze, W. 63,71
Schulz-Linkholt, F. 2o7
Schupe, L. 151
Schusser, H. 139
Schuster, L. 44,51
Schwab, M. 2o7
Schwartz, E. 2o7
Schwarz, H. 39,176
Schweikert, K. 9o,91,97
Schweisfurth, H. 145
Sebbel, E. 2o4
Segerer, K. 133
Seidler 34
Seipp, W. 152
Sievert, P. 25
Simons, D. 151
Skakowski, U. 131
Skowronek, H. 2o4
Söderberg, B. 2o4
Solarova, S. 2o4
Sommer, K.H. 149
Sophia, M. 149
Spada, H. 1o9,115

Specht, W. 121
Spitzmüller, R. 87,88,92,98
Spöhring, G. 67,68
Spreckelsen, K. 2o5
Sprenger 15o
Springer, G. 2o5
Stapf, W. 159
Starke, M.-Th. 14[illegible],2o8
Staudinger 15o
Stecher, G. 131
Stegelmann, W. 1o
Stellberg, W. 2o8
Stempel, W.-D. 124
Steuer 34
Stich, S. 1o9
Stickelmann, B. 17o
Stoehr, I. 2o8
Stooß, F. 52
Stothfang, E. 149
Strubelt, A. 124
Stünzi, B. 1o3
Stumpf, H. 9o,99
Süßmuth, R. 2o5
Sund, M. 164
Sutter, H. 9o,1oo,1o1
Sutter, W. 9o,1oo

Tausch 35
Taylor, L.C. 2o9
Teichler, U. 25
Tessaring, M. 42,47,49
Thiem, H. 43
Thiersch, H. 2o9
Thomsen, W. 14
Tischler, L.C. 75
von Troschke, G. 126
von Trotha, K. 118
Tütken, H. 2o9
Tyczewski, Th. 116

Ungerer, A. 162

Väth-Szusdziara, R. 121
Valtin, R. 21o
Van den Bussche, R. 164
Vierdag, G. 6o
Vieten, R. 81
Vockerodt, H. 17o
Völker, E. 96
Völker, K. 96
Vogg, G. 14o,141
Vorkauf, H. 71
Vosberg, G. 1o1
Voss, G. 21o
Voswinkel, E. 17

Wagner, F. 72
Walser, M. 1o3
Walter, H. 211
Walter, J. 111
Walther, H. 127
Weber, G. 211
Wegener, B. 116
Wehrmann, E. 153
Weidler, E. 133
Weinert, F. 211
Weiß, M. 65
Weißhuhn, G. 4
von Weizsäcker, C.C. 9o,94,95,96,97,/1oo,1o1
Weller, W. 18
Weltner 152,171
Wendeler, J. 72
Weninger, J. 117
Wenzel, A. 211
Wenzel, U. 82
Werkhofer, K. 167
Werner, H. 211
Werner, R. 55
Westermann, R. 211
Westkamp, H. 82
Westphal, W. 111
Widdel, H. 169
Wienold, G. 146
Wiesner, H. 171
Willand, H. 125
Winterhager, D. 149
Winterhager, W.D. 5
Wölm, B. 95
Wolff, A. 152
Wudtke, H. 212
Wunberg, M. 123

Zech, Th. 67
Zehrfeld, K. 17o
Zeiher, Hartmut 1o
Zeiher, Helga 1o,25
Zeiske, W. 152
Zeyns, W. 79
Zifreund, W. 163,176
Zimmer J. 23
Zimmer J. 127,128
Zimmermann, O.L. 26
Zinnecker, J. 17o
Zöllner, U. 82

Supplement

Institut für Bildungsplanung und Studieninformation, Stuttgart
(Institute of Educational Planning and Counselling)

Deussen, P. 215
Gebauer 214
Gümbel 214
Gunzenhäuser, R. 215
Haug, R. 217
Hauke, H. 214
Helstin 218
Kerkhoff 215
Kleinschmidt 214
Lachenmaier 214
Neff 214
Ofenheimer 219
Osterland 219
Reichenbecher 216
Schlier, Chr. 215
Schmitz 218
Ueberall, L. 22o
Weiß, R.H. 216,217,218,219,22o
Würmlin, F. 217

Author	Theme of expertise	Observations
Jussen, Prof.Heribert Brühl	"The hard of hearing" (available)	Committee: "Special Education for Handicapped Children"
Jüchter, Heinz-Theodor Wuppertal and Dienel, Prof.Peter C. Wuppertal	"Co-operation between sponsors of further education at the local-regional level" (available)	Committee: "Further Education"
Jürgensen,Prof. Carl Letter/Hannover (co-ordinating)	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - farmers -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Preißel

Author	Theme of expertise	Observations
Kanter, Prof. Gustav Lüneburg	"Backward children" (available)	Committee: "Special Education for Handicapped Children"
Kasakos, Gerda Frankfurt/M.	"Research in the interrelated fields of educational institutions and youth assistance programmes (supplementary work in the sphere of "compensatory education") (1.11.1972)	Project Group: "Planning of Educational Research" see also: Ortmann
Kautter, Prof. Hansjörg Reutlingen	"Procedures of admission and transfer to special schools" (available)	Committee: "Special Education for Handicapped Children"
Kayser, Bodo Göttingen	"Goal-oriented forms of instruction in primary education (entrance level)" (available)	Committee: "Primary Education (Entrance Level)"
Keitel, Christine Berlin	"An example of framework guidelines (section) for the teaching of mathematics and related subjects in the first level primary school" (available)	Committee: "Curriculum Development" see also: Damerow
Klein, Prof. Gerhard Pfullingen	"Early teaching of children with possible learning handicaps" (available)	Committee: "Special Education for Handicapped Children"
Kleinbeck, Uwe Bochum	"The vocational training of young people from the standpoint of a psychological theory of occupational behaviour (with special consideration of motivation by different training places" (available)	Committee: "Vocational Education"

Author	Theme of expertise	Observations
Knura, Prof. Gerda Köln	"Children with speech defects" (available)	Committee: "Special Education for Handicapped Children"
Knüttel, Willi Mannheim	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - electrical engineering- (Part I available - Part II in preparation)	Committee: "Vocational Education" see also: Mayer, Pfeuffer
Krappmann, Dr. Lothar Berlin	"Play in primary education (entrance level); playing and learning; socialization through play; play situations; play stimuli; practical proposals" (1.11.1972)	Committee: "Primary Education (Entrance Level)" see also: Calliess, Conolly-Smith, Daublesky
Krappmann, Dr. Lothar Berlin	Draft text: "Learning opportunities for 3-to 5-year-old children" (available)	Project Group "Elementary Sector" see also: Bargel, Kreppner
Krappmann, Dr. Lothar Berlin	Brief expertise: "Hearing in the Committee Primary Education (Entrance Level)" (available)	Committee: "Primary Education (Entrance Level)"
Kreppner, Dr. Kurt Berlin	Draft text: "Reflections on the evaluation of pre-school curricula" (available)	Project Group: "Elementary Sector" see also: Bargel, Krappmann
Küchenhoff, Prof. Werner Benningsen	"Training and work of qualified staff in the elementary sector and in primary education (entrance level)" Part I: The present position... Part II: Models and proposals ... (1.2.1973)	Committee: "Primary Education (Entrance Level)" see also: Hundertmarck, Flitner, Münchmeyer

Author	Theme of expertise	Observations
Kuhlmann,Dr. Caspar Bremen	"At what points does the educational concept of the Structural Plan imply changes in educational administration" (available)	Committee: "Organization and Administration"
Kuhlenkamp,Detlef Frankfurt	Brief expertise: "Problems of educational leave with regard to "Volkshochschulen" (adult education institutes)" (available)	Committee: "Further Education"
Krumm, Prof. Volker Berlin	"Analysis of the present curricula and subject-material for business studies at part-time and full-time vocational schools (Kaufmännische Berufs- und Berufsfachschulen) in the Laender of the Federal Republic of Germany" (available)	Committee: "Vocational Education"
Kytzia, Peter Bensberg	"Analysis and comparison of formal training qualifications in distributive-administrative occupations" (available)	Study Group: "School leavers with "Abitur" Certificates" see also: Elias

Author	Theme of expertise	Observations
Lehmberg, Dr. Hans Nieder-Beerbach	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - hairdressers and barbers -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Friedrich
Lempert, Prof. Wolfgang Berlin	Brief expertise: "Training in the enterprise and training in work-shops and schools in the light of social learning and the functionality of training" (available)	Committee: "Secondary Education (Second Level)"
Liegle, Dr. Ludwig Bochum-Langendreer	"Models of co-operation between the elementary sector and the primary education in an international comparison" (available)	Project Group: "Elementary Sector" see also: Braun, Süßmuth
Lingelbach, Prof. Karl-Christoph Frankfurt/M.	Brief expertise: "Participation of teachers in the development of curriculum materials (report on experiences concerning the work of the Hesse Commission on Teaching Guidelines)" (31.8.1972)	Committee: "Curriculum Development"
Löwe, Prof. Armin Heidelberg	"The deaf" (available)	Committee: "Special Education for Handicapped Children"

Author	Theme of expertise	Observations
Mayer, Prof. Rolf Stuttgart (co-ordinating)	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - electrical engineering -" (Part I available - Part II in preparation)	Committee: "Vocational Education" see also: Knüttel, Pfeuffer
Mersi, Prof. Franz Heidelberg	"Children with sight handicaps" (summer 1973)	Committee: "Special Education for Handicapped Children"
Miles, Prof.Matthew New York/USA	Brief expertise: "Strategies of educational innovation on a medium level with respect to the effect on teachers" (15.10.1972)	Committee: "Curriculum Development"
Mollenhauer,Prof. Klaus Frankfurt/M.	"Research on the interrelated fields of family, educational institutions and youth assistance programmes" (1.11.1972)	Project Group: "Planning of Educational Research"
Münchmeyer, R.M. Tübingen	"Training and work of qualified staff in the elementary sector and in primary education (entrance level)" Part I: The present position ... Part II:Models and proposals ... (1.2.1973)	Committee: "Primary Education (Entrance Level)" see also: Flitner, Hundertmarck, Küchenhoff

Author	Theme of expertise	Observations
Naschold,Dr. Frieder Konstanz	"Institutional conditions for participation and autonomization in the education system" (project) (draft available)	Committee: "Organization and Administration"
Naumann,Jens Berlin	"Exploration paper on the structuring of decision-making processes in the field of teaching and learning aids" (available)	Committee: "Organization and Administration"
Niess, Prof.Fritz Stuttgart	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - motor mechanics -" (Part I available - Part II available)	Committee: "Vocational Education" see also: Ott, Springer,Weber

Author	Theme of expertise	Observations
Offe, Dr. Klaus München	"Research on the education and the employment systems" (1.11.1972)	Project Group: "Planning of Educational Research"
Ortmann, Hedwig Tübingen	"Research in the interrelated fields of educational institutions and youth assistance programmes" (1.11.1972)	Project Group: "Planning of Educational Research" see also: Kasakos
Ott, Heinz Stuttgart	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - motor mechanics-" (Part I available - Part II available)	Committee: "Vocational Education" see also: Niess, Springer, Weber
Otter, Christine Nürnberg (co-ordinating)	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - nursery assistants-" (Part I available - Part II available)	Committee: "Vocational Education" see also: Rohsmanith
Owen, Joslyn G. Exeter, England	Brief expertise: "Participation of teachers in curriculum development: experiences with Teachers'Centres" (available)	Committee: "Curriculum Development"

Author	Theme of expertise	Observations
Pause, Prof. Gerhard Lüneburg	"Learning prerequisites and the continuity of the contents of instruction in the entrance level of primary education" (1.10.1972)	Committee: "Primary Education (Entrance Level)"
Pechstein, Prof. Johannes Mainz	"Centres for early diagnosis and therapy - organization and functions-" (draft available)	Committee: "Special Education for Handicapped Children"
Pfeuffer, Heinz Bonn	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - electrical engineering -" (Part I available - Part II in preparation)	Committee: "Vocational Education" see also: Knüttel, Mayer
Presch, Gunter Konstanz	"Evaluation and social context. Study of the social evaluation of curricula in the elementary sector; taxonomy of social context, learners' groups, socio-linguistic aspects" (available)	Project Group: "Elementary Sector" see also: Bargel, Gloy, Heinke, Walter
Preißel, H.-G. Ilsede	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - farmers - " (Part I available - Part II available)	Committee: "Vocational Education" see also: Jürgensen

Author	Theme of expertise	Observations
Rademacker, Hermann Braunschweig	"Educational technology and curriculum development". (15.10.1972)	Committee: "Curriculum Development"
Raschert, Jürgen Berlin	"Possibilities and limits of research into the determination of learning goals" (1.11.1972)	Project Group: "Planning of Educational Research"
Raschert, Jürgen Berlin	Brief expertise: "School-oriented curriculum development in the Federal Republic of Germany in respect of the transferability of its results" (31.8.1972)	Committee: "Curriculum Development"
Räuer, Wulf Hamburg	"The entrance level of primary education in the Federal Republic of Germany. Description and analysis of a survey by the Laender Education Ministries on the present situation in the light of the Structural Plan" (1.12.1972)	Committee: "Primary Education (Entrance Level)"
Rauh, Dr. Hellgard Landau	Brief expertise: "Hearings in the Committee "Primary Education (Entrance Level)" (available)	Committee: "Primary Education (Entrance Level)" see also: Krappmann, Spreckelsen, Zimmer
Recum, Prof.Hasso von Frankfurt/M.	Draft text: "Cost accounting for the elementary sector model programme" (available)	Project Group: "Elementary Sector"

Author	Theme of expertise	Observations
Retter, Prof. Hein Schwäbisch Gmünd	"Educational play materials in primary education (entrance level)" (1.2.1973)	Committee: "Primary Education (Entrance Level)"
Richter, Dr. Ingo Berlin	Draft text: "The legal form of the experimental programme for the elementary sector of primary education" (available)	Project Group: "Elementary Sector"
Richter, Dr. Ingo Berlin	"Research themes in the field of organization and administration" (1.11.1972)	Project Group: "Planning of Educational Research"
Rohsmanith, Kurt Hagen	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - nursery assistants - " (Part I available - Part II available)	Committee: "Vocational Education" see also: Otter
Rumpf, Prof. Horst Innsbruck	"Educational determinants of the curriculum concept" (15.11.1972)	Committee: "Curriculum Development"

Author	Theme of expertise	Observations
Sander, Dr. Alfred Landsweiler	"Statistical survey of the handicapped in the Federal Republic of Germany - methods, appraisal and trends" (available)	Committee: "Special Education for Handicapped Children"
Sandvoss, Ilse-Marie Berlin	"Requirements of space and buildings in the entrance level of primary education" (February 1973)	Committee: "Primary Education (Entrance Level)" see also: Voss
Sebbel, Erna Düsseldorf	Brief expertise: "Organization of an innovations agency on a medium level with regard to the possibility of reforming schools by the participation and further training of all school staff" (available)	Committee: "Curriculum Development"
Skowronek, Prof. Hellmut Bielefeld	Brief expertise: "Participation of teachers in the development of curriculum materials (report on experiences concerning the work of the Hesse Commission on Teaching Guidelines)" (available)	Committee: "Curriculum Development"
Söderberg, Bo Bromma/Sweden	"The meaning of aesthetic, creative and social learning in the secondary education (second level)" (available)	Committee: "Secondary Education (Second Level)"
Solarová, Prof. Svetluse Hannover	"Children with multiple handicaps" (in preparation)	Committee: "Special Education for Handicapped Children"

Author	Theme of expertise	Observations
Spreckelsen, Prof. Kay Kassel-Wilhelmshöhe	Brief expertise: "Hearings in the Committee: Primary Education (Entrance Level)" (available)	Committee: "Primary Education (Entrance Level) see also: Krappmann, Rauh, Zimmer
Springer, Prof. Günter Stuttgart	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - motor mechanics-" (Part I available - Part II available)	Committee: "Vocational Education" see also: Niess, Ott, Weber
Süßmuth, Prof. Rita Burgsteinfurt	"Models of co-operation between the elementary sector and the primary education in an international comparison" (available)	Project Group: "Elementary Sector" see also: Braun, Liegle

Author	Theme of expertise	Observations
Schefeld, München	"Problems of youth psychology, youth sociology and the psychology of learning in 15-to 19-year-olds" (available)	Committee: "Secondary Education (Second Level)" see also: Hornstein, Schmeiser
Schmeiser München	"Psychological, sociological and learning problems of the 15-to 19-year-olds" (available)	Committee: "Secondary Education (Second Level)" see also: Hornstein, Schefeld
Schmid, Volker Tübingen	"Maladjusted children" (available)	Committee: "Special Education for Handicapped Children" see also: Bittner, Ertle
Schmidt, Hans-Joachim Lüneburg	"Guidelines and proposals of the Laender school administrations for educational work in pre-school classes and the entrance level of primary education, including a survey of training and further training programmes for and the supervision of staff" (31.12.1972)	Committee: "Primary Education (Entrance Level)"
Schmidt, Hans-Joachim Lüneburg	"Analysis of the guidelines for pre-school and entrance level education in the Federal Republic of Germany. Common aspects and differences in developments in the Federal Laender" (available)	Committee: "Primary Education (Entrance Level)"
Schmidt, Walter Dieter Bad Honnef	"Journeys and residential visits abroad as a part of the curriculum for secondary education (second level)" (1.2.1973)	Committee: "Secondary Education (Second Level)"

Author	Theme of expertise	Observations
Schmidt-Wenkebach, Barbara Berlin	Brief expertise: "Problems of educational leave, in the families" (available)	Committee: "Further Education"
Schönberger, Prof. Franz Reutlingen	"The bodily handicapped" (available)	Committee: "Special Education for Handicapped Children"
Schorb, Prof. Alfons Otto München	"Educational technology in secondary education (second level)" (available)	Committee: "Secondary Education (Second Level)"
Schörken, Dr. Rolf Metzkausen	"Political studies in secondary education (second level)" (1.1.1973)	Committee: "Secondary Education (Second Level)"
Schröder, Prof. Karl Offenbach-Bürgel	"Principles and elements of foreign language teaching in secondary education (second level)" (1.1.1973)	Committee: "Secondary Education (Second Level)"
Schulz-Linkholt, Prof. Fritz (co-ordinating) Heidelberg	"Vocational training for the handicapped" (available)	Committee: "Special Education for Handicapped Children"
Schwab, Prof. Martin Kiel	"Differentiating and individualizing teaching in the entrance level of primary education, with special reference to socially disadvantaged and backward children" (15.1.1973)	Committee: "Primary Education (Entrance Level)"
Schwartz, Prof. Erwin	"Trends to the linking of the entrance level and the second level in primary education. Innovations in primary schools with special reference to problems of continuity and transition" (1.2.1973)	Committee: "Primary Education (Entrance Level)"

Author	Theme of expertise	Observations
Starke,Dr.Marie-Theres Münster	Brief expertise: "Problems of educational leave in the sphere of catholic adult education" (available)	Committee: "Further Education"
Stellberg,Wilfried E.-Frohnhausen	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - fitters" (Part I available - Part II in preparation)	Committee: "Vocational Education" see also: Bartscherer,Breithecker
Stoehr, Irene Berlin	"Analysis of comprehensive school experiments in the light of organizational problems and problem solutions" (draft available)	Committee: "Organization and Administration"

Author	Theme of expertise	Observations
Taylor, L.C. London/England	Brief expertise: "Participation of teachers in curriculum development:experiences with Teachers' Centres" (available)	Committee: "Curriculum Development"
Thiersch, Prof. Hans Tübingen	"Research on young people" (1.11.1972)	Project Group: "Planning of Educational Research"
Tütken,Dr. Hans Göttingen	"Research themes in curriculum development" (1.11.1972)	Project Group: "Planning of Educational Research"

Author	Theme of expertise	Observations
Valtin, Dr. Renate Hamburg	"Analysis of existing concepts of the promotion of verbal skills, in particular of the concepts for the entrance level of primary education" (1.3.1972)	Committee: "Primary Education (Entrance Level)"
Voss, Gisela Berlin	"Requirements of space and buildings in the entrance level of primary education" (February 1973)	Committee: "Primary Education (Entrance Level)" (is being prepared by the School Building Institute in Berlin) see also: Sandvoss

Author	Theme of expertise	Observations
Walter, Dr. Heinz Konstanz	"Evaluation and social context. Study of the social evaluation of curricula in the elementary sector; taxonomy of social context, learners' groups, scio-linguistic aspects" (available)	Project Group: "Elementary Sector" see also: Bargel, Gloy, Heinke, Presch
Weber, Prof. Günter Stuttgart	"Description of selected occupational training courses and analysis in terms of the achievement of general learning goals - motor mechanics-" (Part I available - Part II available)	Committee: "Vocational Education" see also: Niess, Ott, Springer
Weinert, Prof. Franz Neckargemünd	"Contributions of the psychology of learning to educational research, as illustrated by applied basic research" (1.11.1972)	Project Group: "Planning of Educational Research"
Wenzel, Prof. Achill Koblenz	"Differentiation in primary education (entrance level) - with consideration of the increasingly course-oriented style of teaching" (15.1.1973)	Committee: "Primary Education (Entrance Level)"
Werner, Heinz Erlangen	Brief expertise: "The employment system of the Federal Republic of Germany compared with those of some EEC countries" (available)	Study Group: "School Leavers with "Abitur" Certificates (Committee: "Vocational Education)"
Westermann, Rolf Hamburg	"Methods and conditions of curriculum development by project groups in the Federal Republic of Germany" (available)	Committee: "Curriculum Development" see also: Haller

Author	Theme of expertise	Observations
Wudtke, Hubert Hamburg	Draft text "Scientific and educational policy features of the starting situation for changes in the entrance level of primary education" (15.10.1972)	Committee: "Primary Education (Entrance Level)"

Author	Theme of expertise	Observations
Zimmer, Jürgen München	Brief expertise: "Hearing of the Committee: Primary Education (Entrance Level)" (available)	Committee: "Primary Education (Entrance Level)" see also: Krappmann, Rauh, Spreckelsen

Supplement

1. Institut für Bildungsplanung und Studieninformation
Stuttgart
(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Experiment "Eingangsstufe" (primary education, entrance level): a two-year entrance level course at the Karl Benz School in Stuttgart-Bad Canstatt and a model kindergarten at the Schwäbische Frauenverein

3. Seven groups of 25 children, in the charge of 3 primary school teachers and 4 nursery school teachers, are receiving all-day schooling

3.1. Compensatory education to offset inadequacies due to environmental deprivation

3.2. These activities are based on the concept of the Baden-Württemberg Ministry of Education, "Aids and Guidelines for Experiments in the Elementary Sector of Education"
(5th edition)

3.3. Promotion rather than selection, equal starting opportunities, links between the "Elementarbereich" and the "Primarbereich"
(elementary sector, pre-primary education and primary education)

4. Beginning autumn 1972; probable completion 1976/77

5. The first interim report will be available in summer 1973

6. ---

7. Prof. Harry Hauke (c/o Pädagogische Hochschule,
7070 Schwäbisch Gmünd, Lessingstrasse 7)

8. Dr. Gebauer
Prof. R. Gümbel
Prof. Kleinschmidt
Herr Lachenmaier, project administrator
Model Schools Study Group at the University of Tübingen
Dr. Neff

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education
Federal Ministry of Education and Science
The City of Stuttgart

Supplement

1. Institut für Bildungsplanung und Studieninformation
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(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. A curriculum for computer studies in the "reformierte Oberstufe in allgemeinbildenden Gymnasien" (reformed senior classes in grammar schools providing general education)

3. Development of a curriculum, including instructional materials and control of learning objectives (inform.tests)

3.1. Development of a curriculum using terminals or desk calculators in lessons, testing and revision of the curriculum

3.2. A group of grammar school and university teachers is working on the curriculum in accordance with the general guidelines laid down by a specially appointed Curriculum Commission

3.3. Working out of an algorithm, problem-solving

4. The work is planned in phases

5. The first basic course is at present in preparation; the development of 4 courses is anticipated

6. ---

7. Dr. Kerkhoff

8. Prof. P. Deussen (Karlsruhe)
Prof. R. Gunzenhäuser (Esslingen)
Prof. Chr. Schlier (Altental)

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education

Supplement

1. Institut für Bildungsplanung und Studieninformation Stuttgart
(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Evaluation of school careers in rural districts of Baden-Württemberg

3. In 1967/68 about 10,000 pupils of grade 4 of the "Grundschule" (primary school) were tested before transfer to a "weiterführende Schule" (secondary school). The results of psychological tests and guidance are correlated with data on school success or failure at the "Gymnasium" (grammar school) and the "Realschule" (intermediate school)

3.1. Determination of the validity of forecasts based on school data, test results and social data

3.2. The storage of the data from the basic studies is completed; the school data are collected from "Gymnasium" and "Realschule" at the beginning of each school year

3.3. Testing methods used were PSB, CFT 2, AzN, as well as data on social status, teacher assessment, and primary school achievement

4. Beginning 1968
Completion of stage I ("Realschule") 1974/75
Completion of stage II ("Gymnasium") 1977/78

5. Interim reports on the 1st, 2nd, 3rd and 4th years of the evaluation period are available.
A report on a four years' evaluation period is in preparation and will be published in Schriftenreihe A of the Baden-Württemberg Ministry of Education

6. ---

7. Dr. Reichenbecher (Ministry of Education)
Dr. Rudolf H. Weiß (Institute of Educational Planning and Counselling)

8. Psychologists from 5 educational advisory centres

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education

Supplement

1. Institut für Bildungsplanung und Studieninformation
Stuttgart
(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Scientific evaluation of model schools in Baden-Württemberg (aspect: economic viability)

3. The aim of the project is a study of expenditure and costs of model schools

3.1. Development and description of methods and techniques for carrying out economic analyses of model schools, and their application

3.2. Analysis of techniques for the economic analysis of schools as described in the literature, and compilation and evaluation of empirical data on model schools in Baden-Württemberg

3.3. Expenditure cost analysis of model schools, cost indices of model schools, economic indices of model schools, quantitative economic study of model schools, economic viability of model schools

4. Beginning May 1972; probable completion 1976

5. First report on the findings of an empirical survey providing basic data on Baden-Württemberg's model schools available in June 1973

6. ---

7. Dr. Rudolf H. Weiß

8. Rüdiger Haug
Dr. Friedemann Würmlin

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education
Federal Ministry of Education and Science

Supplement

1. Institut für Bildungsplanung und Studieninformation
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Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Evaluation of school careers in the Stuttgart Urban District (N = 6000)

3. In 1967/68 pupils of grade 4 of the "Grundschule" (primary school) were tested before transfer to the "Gymnasium" (grammar school) or "Realschule" (intermediate school). The results of psychological tests and guidance of approximately 3,500 pupils are correlated with data on school success or failure at the "Gymnasium" or "Realschule" over a period of 6 to 9 years respectively.

3.1. Determination of the validity of forecasts based on school data, test results and social data

3.2. The storage of data from the basic studies is completed, the school data will be collected from "Gymnasium" and "Realschule" at the beginning of each school year and recorded on punch-cards. Statistics: percentage calculations, correlation and factor analysis

3.3. Test methods used were PSB, CFT 2, AzN, as well as data on social status, teacher assessment and primary school achievement

4. Beginning 1969
End of stage I ("Realschule") 1975
End of stage II ("Gymnasium") 1978

5. Interim reports are available for the first 3 years of the evaluation period.
A report on a two years' and a three years' evaluation period, to be published in Schriftenreihe A of the Baden-Württemberg Ministry of Education, is in preparation

6. ---

7. Dr. Rudolf H. Weiß (Institute of Educational Planning and Counselling)

8. Herr Helstin (Educational Advisory Centre, Stuttgart)
Herr Schmitz (Educational Advisory Centre, Stuttgart)

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education

Supplement

1. Institut für Bildungsplanung und Studieninformation
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(Institute of Educational Planning and Counselling)
7000 Stuttgart 1
Paulinenstrasse 28 Tel. (0711) 2 49 31

2. Evaluation of the counselling of school leavers with "Abitur" certificates

3. ---

3.1. Checking of the forecasting reliability of psychological testing techniques (forecasts of university success, classified according to courses of study) for educational and student counselling

3.2. Psychological techniques to test personality and achievement factors

3.3. University drop-outs, techniques for forecasting university success

4. 1971 to 1976

5. ---

6. ---

7. Dr. Rudolf H. Weiß

8. Herr Ofenheimer
Herr Osterland

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education
Federal Government grants since 1972

Supplement

1. Institut für Bildungsplanung und Studieninformation
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2. Scientific evaluation of model schools in Baden-Württemberg (educational-psychological aspects)

3. Empirical testing of the effectiveness of learning objectives, syllabuses and the organization of learning, as well as the provision of advice and guidance to model schools

3.1. Comparison of existing forms of organization of model schools in the light of their educational, psychological and socio-cultural effects

3.2. Psychological methods for testing achievement, personality and social factors, learning-objective-centred tests, questionnaire surveys of the attitudes of teachers and parents, survey on socio-economic aspects

3.3. Equality of opportunity, social integration, differentiation, breaking down of speech barriers, special coaching, testing of new types of pupil assessment, particular reference to the affective-emotional factors

4. 1970 to 1976

5. Comparison of pupil populations in the catchment areas of model schools (1970);
Comparison of pupil populations in the entry level of model schools 1970/71;
Analysis and interpretation of the survey of teachers attitudes to their type of model school (1971)

6. Publications are available

7. Dr. Rudolf H. Weiß

8. L. Ueberall

9. Baden-Württemberg Ministry of Education

10. Baden-Württemberg Ministry of Education
Federal Government grants since 1971

Subject Index

adult education
-cf. also distant studies, educational leave, further training
-Africa 60
-Bavaria 136
aesthetic learning 204
anthropology 150
automation
-cf. computer assisted instruction, educational technology, electronic data processing, multi-media approach, programmed learning

biology
-curriculum 113, 114, 155
business studies
-at the "Berufsschule" 211

chemistry
-curriculum 116, 117, 155
chemistry teachers 159
class-room observation 130, 132, 133, 163, 170
comprehensive school
-aspects of educational policy 25,66
-evaluation of experiments 134, 208
-innovation agency 187
-school comparison 121
computer assisted instruction 153,167, 168, 169
-cf. also educational technology, electronic data processing, programmed learning
creative learning 204
curriculum evaluation
-pre-school 178, 188, 195,201, 211
curriculum development
-biology 113, 114, 146
-chemistry 116, 117
-commercial courses 179
-committee of the Education Council 179,184,185,189,190,192,197,198, 202,203,204,209,211
-education science 146
-English 146
-German 146
-history 146
-integrated curricula 107,113,115,155
-mathematics 23,183,194
-media approach 170
-open curriculum 127,142
-participation of teachers 200
-physics 111,112, 155
-politics 146
-pre-school 127,128
-religious instruction 142
-teacher training 58
-technology 146

curriculum discussion
-survey 25
curriculum materials
-storage 156
curriculum theory
-model 106
cybernetics in school instruction 113,114

dialect 63
didactics
-pre-school 68
-programmed instruction 151, 152,168
-school 9,10,130,146,152,155
-teacher training 133,163
-university 39,94,103,124,147, 148,163,165,171
distant studies
-chemistry teachers 159
-innovation barriers 157
-group work 160,161
-priorities 158
-radio college 160,162
drop-out
-further training 51
-"Telekolleg" 131
-university 219

education policy
-and manpower problems 5,13, 16,19,21
educational leave 177,182,183, 196,207,208
educational planning
-cf.also research planning, university planning, school planning
-Bavaria 135
-further education 91
-optimization models 93

-quantitative effect 49
-simulation models 96,100,101
educational research
-contribution of economic sciences 8
-empirical 99
-financing 7
-institutions 144
-planning of 7,8,182,183,184,186,190,
191,192,194,198,200,202,203,209
educational system
-simulation model 96,100,101
-administration 199
educational technology 104, 207
-cf.also computer assisted instruction,
cybernetics,electronic data pro-
cessing, multi-media approach,
programmed learning
electronic data processing
-university organization 77,79,80,83
-use in schools 167,168,169,215
elementary education
-cf. pre-school education
employment opportunities
-handbook 41
employment systems
-FRG-EEC countries 211
English
-curriculum 146
-university studies 77

financing
-educational reform 25
-educational research 7
-elementary education 202
-further education 6
-schools 25,30,32,36,65
-university 95
foreign language teaching 146,207
further education
-cf. also adult education,distant
studies,educational leave
-Baden-Württemberg 91
-information system 180,188
-financing 6
-motivation 181,188
-regional planning 73, 183,193
-success control 51
-for teachers cf.teacher
-and vocational training 149
-and work situation 15,89

German 146,179
graduates
-cf.university graduates
group structure
-children 129
-school class 172
group work
-distant studies 160,161
guidance 55, 139

handicapped children
-backward children 125,194,207
-blind 192
-bodily handicapped 207
-deaf 193,197
-maladjusted children 179,
184,206,
-mentally hindered 178
-multiple handicaps 204
-special education 125,175,
184,194,201,206
-speech defects 195
-statistical survey 204
-vocational training 207
history
-curriculum 146

interaction analysis
-distant studies 160
-school 163,170
-university 148

labour
-cf. manpower
learning
-cf. also school achievement
-adults 89
-distant studies 160,161
-learner oriented teaching 115
-"Telekolleg" 131
-university 147,148
longitudinal studies
-graduates 122
-reading instruction 130
-school achievement 3
-school leavers with Abitur
certificates 55
-students 147
-teachers' attitudes 119
-transfer 88,216,218

manpower
-distribution 46
-and educational policy 5,13,16,19,21
-highly qualified 16,19
-job vacancies 40
-labour market 4,38,54,93,102
-labour supply 48,49,50,54
-mobility 180
-projection of requirement 4,102
mathematics
-in schools 23,25,183,194
-for physics students 171
medical training 164
multi-media approach
-cf.also distant studies
-school instruction 169,170
-teacher training 133, 163
music instruction 25

natural sciences
-curriculum development 23, 107,108, 111,112,113,116,117,155
-integrated curricula 107,115
-psychological aspects 109,110
-special schools for the handicapped 125
-Waldorf schools 155
numerus clausus 103

occupation
-and vocational training cf.vocational training
occupational careers
-men 44
-women 45
occupational statistics 46,50
outsider
-children's group 129

parental home
-and choice of career 92
-and choice of school 56,87,88,138
-conflict of generations 3
-educational behaviour 57,66
-educational programmes for parents 126
-influence on development 20
participation
-school 24,118
-university 24
physics
-instruction 111,112,155,169
play 25,166,179,182,183,195,203
playground 166
political education
-school 146,207
-university 18
pre-school age
-emotional behaviour 68
-learning opportunities 195
-social learning 127
-television 141
-verbal skill 70,178,188,190, 201,211
pre-school education
-administrative problems of experiments 178,202,203
-children's groups 129
-co-operation with primary education 180,197,205,214
-curriculum 127,128,178,180, 188,195,201,211
-furniture 31
-regional planning 74
-teacher training 183,186,192, 195,198,206
primary education
-co-operation with pre-school education 180,197,205,214
-educational changes 212
-first school year 130,189
-guidelines 206
-reading instruction 130
-regional planning 74
-school experiments 56,189,214
-social psychological studies 71
-space requirements 27,204,210
-teacher training 183, 186,192, 195,198,206
-teaching methods 182,183,194, 195,203,207,210
-transfer to secondary schools 87,88,98,138,216,218

programmed learning 151,152,171, 215

reading instruction 130
religious instruction 72,142
research planning
-university 79

school achievement 3,9,10,63,71,98,125, 137,172,184,190,216,218
school administration 59,190
school building
-costs 30,32,36
-equipment 29,31,33,34
-influence on education 35
-plans 26
-safety regulations 37
-space programmes 27,204,210
school class
-group structure 172
school comparison 121,134
school experiment 56
-scientific evaluation 69,134,146,217, 220
school leavers with Abitur certificates
-attitudes 119
-guidance 55
-vocational training 178,180,181,182, 183,184,188,190,196,211
school planning
-cf. also educational technology, school administration,school building, school experiment
-regional 28,74,135
-simulation model 100,101
social learning
-pre-school 127
-psychological aspect 190
-secondary education 204
-sociological aspect 186
socialization
-children 129,195
-medical practice 164
-school 3,118,121,172
-teachers 119
-university 124,148
sport 188
students cf.university students

teacher
-attitudes 10,25,64,119,163,190,198
-influence 68, 98, 172
-further education 113, 132, 133, 143, 159, 162, 168
-participation in curriculum development 200, 209
-supply of 93
teacher training 11,25,58,119,132, 133,163,168,183,186,190, 192,195,198
teaching science
-cf. didactics
technology of education
-cf. educational technology
television
-adolescents 140
-pre-school age 141
-"Telekolleg" 131
thesaurus
-educational research 17
-programmes 97
-university teaching 165
transfer
-rates 90,96,99,100,101
-participation 87,88,98,123, 135,138
-studies 121, 134, 216, 218

university
-and distant studies 157,158
-"Gesamthochschule" 75, 94
-Japan 25
-non-subject education 122
-participation 24
-political aspect 18, 25
-reform 25
-research planning 79
university access
-alternative means of access 180
-forecast 86
-numerus clausus 103
-regulation 95
university capacity
-determination 77, 83, 93
-numerus clausus 103
university fees 95
university graduates
-educational careers 122
-forecast 42
-introduction to employment 13
-speech habits 124
university organization
-with EDP 77, 79, 80, 83

university planning
-conceptions 76
-documentation system 82, 85
-regional planning 81,84
-simulation models 77,83,95,100
-space requirements 78
-utilization of premises 103
university students
-cf. also drop-out, teacher training, university access, university graduates, university planning
-beginners 55, 86, 95, 219
-choice of courses 75
-learning behaviour 147,148
-Lebanon 61
-Philippines 62
-proportion of the age group 47
university study courses 55, 82, 119, 122, 147, 219
university teaching
-cf. didactics

verbal skill
-elementary education 70,178,188,190, 201,211
-graduates 124
-promotion 70,210
-school 20,63,125
vocational training
-apprenticeships 52
-choice after leaving "Hauptschule" 92, 137, 139
-and further education 149
-for handicapped 207
-motivation 194
-and occupation 4,5,13,16,19,21,40,41, 43,44,45,154
-regional problems 137,154
-research priorities 179
-science 25
-specified training courses 39,179, 180,181,183,184,187,188,190, 191,192,193,195,196,197,198,199, 200,201,203,205,208,211
-teachers cf.teacher training
-women 25, 45

Waldorf-school 155
women
-careers 45,50
-vocational training 25

Index of Names

Acevedo, J. 85
Achtenhagen, F. 146
Allgayer, K. 177
Amano, M. 25
Amelang 29
Amman, K. 6o
Anders, W.H. 156
Arlt, W. 151
Armbruster, W. 5
Auernheimer, R. 127

Bach, H. 178
Back, H.-J. 178
Baethge, M. 179
Bambach, H. 127,128
Bamberg, U. 14
Bargel, T. 122,178
Bartels, J. 76
Bartenwerfer, H. 55
Barth, D. 178
Bartscherer, G. 178
Bauer, A. 56,57
Baumann, H.W. 75
Baumann, M. 1o2
Baumann, R. 142
Baumert, J. 25
Baur, R. 87,88,92,98
Bayer, M. 58
Bayrhuber, H. 113,114
Becker, G. 179
Beilhardt, K. 179
Berg, G. 82
Berger, M. 151
Berke, R. 179
Bertelsmann, K. 179
Bertram, H. 1o4,1o5
Besseth, R. 59
Bierfelder, W. 157,158
Bittel, H. 1o3
Bittner, G. 179
Blanckertz, H. 146,175,179
Blass, G. 149
Blinkert, B. 18o
Blüm, A. 53,54
Böhle, P. 73
Boehm, U. 6
Böhme, M. 76
Böhmeke, W. 55
Bonn, P. 17o
Bonnke, E. 152
Braun, F. 18o
Braun, J. 39
Braun, M. 18o
Brehm, K.-H. 18o
Breithecker, B. 18o
Bremmer, A. 14
Briese, V. 118
Brill, S. 72
Brinckmann, H. 18o
Brinkmann, Chr. 44,51,18o,181
Buck, P. 159
Büchner, P. 118
Bürger, W. 11o
Bullerdiek, W. 139
Bunzel, E. 78
Burkert, J. 169
Busboom, H.-P. 181
Buttgereit, M. 89

Callies, E. 182
Cappel 132
Chaberny, A. 4o,41
Cloes, H. 8o
Cloetta, B. 12o
Coenen, R. 1o4
Connert, S. 172
Connolly-Smith, E. 182
Conrad, C. 25
Conrad, J. 1o3
von Cranach, M. 1o
Crummenerl, R. 182
Czermak, G. 129
Czerwenka, K. 172
Czyborra, E. 182

Dadzio, W. 43,51
Dahlhaus, H. 183
Damerow, P. 23,25,183
Dann, H.-D. 12o
Daublesky, B. 183
Dauer, U. 14o
Dehlinger, H. 1o3
Dehmel, H. 183
von Derschau, D. 183
Dettweiler, E. 77
Deuchert, P. 89
Dieckmann, B. 89
Diederich, J. 183
Dienel, P.C. 183,193
Dierks, W. 117
Diesterweg, S. 75
Dietz, M. 151
Dietz, R. 134
Döring, P.A. 65
Dörner, K. 18
Dorsch, B. 67

Dybowski, G. 6
Dräger 17o
Draxler, A. 156
Duit, R. 111,112
Dumpert, K. 113,114

Eckensberger, L. 12o
Edding, F. 6,7,8
Edelstein, W. 9,1o,184
Effler, M. 55
Ehmke, U. 152,153
Eigler, G. 184
Ekardt, H.-P. 39
Elbers, D. 23,184
Elias, R. 184
Elwitz, U. 23
Engelhardt, P. 171
Ertle, Chr. 184
Eulefeld, G. 113
Ewert, O. 184
Eyferth, K. 167,168,185

Fek 99
Feldhoff, J. 186
Fend, H. 121,186
Fenger, H. 4o,41
Firnkes, M. 141
Fischer, G. 115
Fischer, K. 167,168
Flechsig, K.-H. 186
Flitner, A. 186
Framheim, G. 122
Franck, H. 151,152,153
Franzke, R. 25
Frech, H.-W. 11
Freese, H.L. 1o
Frenzel, U. 53,54
Frey, H.W. 77,83
Frey, K. 1o6,1o7
Friedrich, Hannes 186
Friedrich, Horst 187
Frommelt, B. 187

Gaulke, K.-P. 4
Gerken, H. 78
Gerngross, G. 134
Gerstacker, R. 127
Giesen, H. 55
Gloy, K. 124,188
Gösele 29
Goldschmidt, D. 12,24
Gottsleben, V. 42,47
Gottwald, K. 41,44,188
Graudenz, I. 67,68
Grieger, D. 9o,91
Griese, J. 77,86
Grimm, W. 188
Grimmer, K. 188
Groeben 71
Groh, H. 1o3
Grotemeyer 23
Grüner, G. 188
Grupe, O. 188
Günther, W. 24
Guhde, E. 17
Guski, R. 11

Haarmann, D. 189
Haberkorn, R. 127
Haeberlin, U. 124
Härtel, H. 111
Häßler, U. 66
Häußler, P. 1o7,1o8,115
Hage, P. 118
Hagemann, U. 127
Haller, H.-D. 189
Halstenberg, Chr. 189
Hampel, R. 61
Hanf, Th. 56,57,59,6o,61,62,64,66
Harder, W. 189
Hartmann, I. 79
Hartung, D. 5,13
Hastenteufel, R. 53,154
Hassanizadeh, A. 76
Hasselberg, J. 63
Hauer, D. 67,68
Hausruckinger, A. 134
Havelock, R.G. 19o
Hebel, K.-H. 11
Heckhausen, H. 19o
Hegelheimer, A. 4,38,53
Hegelheimer, B. 17,25
Heiermann, H. Th. 19o
Heinke, U. 19o
Heinrich, P.B. 171
Heintz, M. 9o
Heinz, H. 5o
Heinze, Th. 17o
Helmreich, R. 12o
Hemmer, P. 127
Henning, A. 19o
Hermann, G. 1o3
Herold, R. 191
Herzog, K. 84
Hesse, G.F. 191
Heyner, W. 112,115
Hilgers, R. 151
Hinrichs, H. 191
Hochwald, K.-H. 143,145
Hock, R. 191
Höhn, R. 11o
Hölck, P. 111
Höltershinken, D. 166,175
Hofer, M. 191
Hofbauer, L. 43,44,45
Hoffelner, H. 144
Hoffmann, L. 1o9,115

Hoffmeister 3o
Hollenbach, G. 151
Holzapfel, G. 89
Hopf, A. 64
Hopf, D. 9,1o,192
Hornstein, W. 192
Huber, B. 67
Huber, L. 192
Hudelmeyer, D. 192
Hübner, S. 12
Hüfner, K. 7,8,18
Hummer, A. 55
Hundertmarck, G. 192

Irskens, B. 67
Isensee, W. 113
Isserstedt, W. 79

Jaeckel, K. 111
Jaeger, A. 87,88,92,98
Jaeger, R. 9o
Jenne, M. 25
Jentzsch, K. 79
Johann, G. 84
Jüchter, H.-Th. 193
Jüllig, W. 83
Jürgens 31
Jürgensen, C. 193
Jussen, H. 193

Kämpfe, N. 123
Kahlert, H. 65
Kaiser, M. 4o
Kanter, G. 194
Karr, W. 46
Karst, J. 1o4,1o5
Karthaus, V. 93
Kasakos, G. 194
Kattmann, U. 1o9,113
Kautter, H. 194
Kayser, B. 194
Kehler, A. 77
Kehler, I. 94
Keil, W. 147,148,175
Keilhacker, Margarete 14o,141
Keilhacker, Martin 139
Keitel, Chr. 23,25,194
Keitel, H. 171
Kellner, G. 95
Kind 85
Kircher, E. 111
Kirfel-Rühle
von Lilienstern, A. 74
Klafki, W. 125,17o,175
Klaiber, D. 165
Klauder, W. 47,48
Klaus-Roeder, R. 66
Kleemann, S. 18
Klein 29
Klein, G. 194
Klein, S. 1o4
Kleinbeck, U. 194
Kling, U. 167
Klinzing, H.G. 163
Klose, S. 37
Kluxen, W. 149
Knab, D. 23,142
Knörzer, W. 121
Knüttel, W. 195
Knura, G. 195
Koch, J.-J. 12o
König, H. 86
König, P. 43,44
Kötter, B. 55
Kolb, G. 16o
Kolbe, M. 58
Kolbinger, L. 167
Konrad, W. 1oo
Korpiun, K.J. 1o3
Korte, W. 167,168
Kraak, B. 67,68,69,7o
Krähe, H. 164
Krämer, H.-J. 55
Kraemer, U. 163
Kraft, H. 43,44
Krampen, M. 165,175
Kranich, E.-M. 155,175
Krappmann, L. 2o,195
Krauch, H. 1o5
Krause, F. 124
Kreppner, K. 2o,195
Kröll, U. 143
Krösche, B. 127
Krumm, H.J. 163
Krumm, V. 196
Kruse 15o
Krywalski, D. 134
Küchenhoff, W. 195
Kühlewind, G. 49
Kühnle, H. 83
Künzli, R. 117
Kürthy, T. 3,176
Kuhlenkamp, D. 196
Kuhlmann, C. 196
Kulick, R. 39
Kunz, W. 1o3
Kunze, J. 25
Kurlbaum-Goy, I. 8o
Kurth, H. 99,1oo
Kytzia, P. 196

Lammert, F. 149
Lange, W. 151,152
Langner, K. 71
Langosch, I. 71
Laubsch, W. 167

Lehmann, J. 11o
Lehmberg, H. 197
Lehrke, M. 11o
Lempert, W. 14,197
Lenhardt, G. 15
Lessin, U. 72
Leupoldt, R. 46
Leute, L. 8o
Liegle, L. 197
Liegle, W. 127,128
Lieske, B. 152
Lind, G. 11o
Lindenlaub, S. 67
Lindner, B. 152
Lingelbach, K.-Chr. 197
Lipski, J. 127,128
Löchl, D. 75
Löthe, H. 167,168
Löwe, A. 197
Louis, B. 13o,133
Lucht H. 1o9,117
Ludwig, H.-G. 6o
Lukatsch, J. 134

von Mackensen, M. 155
Madjaric 172
Märtl, H.-G. 95
Mahler, G. 84
Mander 83
Mann, Th. 1o3
Mannzmann, A. 146
Marcus, W. 117
Marx, U. 162
Mattes, K. 93,99
Matthias, P. 3,16
Mattl, W. 161
Mausch, H. 118
Mayer, R. 198
Mazur, R. 129
Meder, B.S. 152
Meindl, U. 82,85
Meischner, G. 1o
Meister, J.J. 136
Menck, P. 146
Mente 15o
Merkle, E. 86
Mersi, F. 198
Metz 83
Meyer, H. 146
Meyer, I. 153
Meyer, R. 166
Meyerbröker, H. 111
Meyer-Rutz, E. 24
Mie, K. 111
Miles, M. 198
Mitter, W. 58,71
Möhling, R. 69
Möller, E. 81
Molle, F. 5o
Mollenhauer, K. 17o,198
Mollwo, I. 44,45,51
Müller, E. 17o
Müller, H. 42
Müller, U. 39
Müller, Ulrich 73,75
Müller-Fohrbrodt, G. 12o
Müller Philipps Sohn, H. 157,158,162
Münch, J. 149
Münchmeyer, R.M. 198
Mutschler, R. 75

Nagl, W. 121
Naschold, F. 199
Naumann, J. 25,199
Neuburger, E. 129,176
Neuhaus, R. 17
Neuner, I. 172
Neuwirth, W. 86
Neuser, H. 144
Niedderer, H. 111,112
Niess, F. 199
Nitsch, W. 18
Nitsch-Berg, H. 25
Noack, H. 164,176
Nowey, W. 135,137
Nuthmann, R. 5,19

Obereisenbuchner, M. 127
Oesterreich, D. 14
Oevermann, U. 2o
Offe, K. 2oo
Oh, K. 1oo,1o1
Oppelt, W. 172
Oppelt, C. 5,14,21
Ortmann, H. 2oo
Ott, H. 2oo
Otter, Chr. 2oo
Owen, J.G. 2oo

Pankrath, R. 37
Parmentier, K. 41,5o
Pause, G. 2o1
Pechstein, J. 2o1
Peifer, H. 12o
Peisert, H. 122,123
Pelzer, S. 127
Peuckert, R. 159
Pfeuffer, H. 2o1
Pfundt, H. 117
Pietzsch, H. 153
Piontkowski, U. 147,148,175
Pittmann, J. 1o8
Plaikner, I. 55
Porttner, I. 127,128
Preissel, H.-G. 2o1
Presch, G. 124,2o1

Preuß, U.K. 25
Protzen, J.P. 1o3
Pröpper, S. 145
Proescher, W. 97
Pukies, J. 159

Raab, H.-U. 123
Raasch, R. 72
Raatz, U. 69
Rademaker, H. 2o2
Radimersky, H. 152
Raschert, J. 25,2o2
Rauer, W. 2o2
Rauh, H. 2o2
Reckers, P. 78
von Recum, H. 2o2
Reese, U. 1o4
Reichwein, R. 11
Reimann, P. 172
Reinert, G. 12o
Reinert, J. 67
Reitzig, K. 152
Retter, H. 2o3
Reuter, W. 1o3
Richter 15o
Richter, H. 152
Richter, I. 22,2o3
Rick, M. 17
Riekens, R. 159
Rimmele, R. 113,114
Rischkowsky, F. 82
Ritter, R. 135
Robinsohn, S.B. 23
Rollet, B. 152
Rolli, E. 1o3
Rosmanith, K. 2o3
Rothe, G. 53,154
von Rothkirch, C. 1o1
Ruchti, K. 69
Rudolph, Hartmut 169
Rudolph, Hedwig, 6
Rüdiger, D. 67
Rummel, A. 133
Rumpf, H. 2o3

Sack, L. 23
Sader, M. 148,176
Salzmann, R. 139
Sandberger, J.-U. 122
Sander, A. 2o4
Sandvoss, I.-M. 27,2o4
Sang, F. 1o
Schaefer, G. 113,114
Schaumberger, I. 7o
Schefeld 2o6
Schilke, K. 113
Schlattmann, H. 71
Schleith, B. 9o,91,97
Schlünder, G. 144,145
Schlüter, J. 149,15o
Schmeiser 2o6
Schmid, E. 39
Schmid, H. 169
Schmid, V. 2o6
Schmidbauer, M. 138
Schmidt, H. 171
Schmidt, H.-J. 2o6
Schmidt, K.-D. 78
Schmidt, M. 15o
Schmidt, R. 167
Schmidt, W.D. 2o6
Schmidt-Wenkebach, B. 2o7
Schmitt, H. 81
Schmitt, K. 62
Schmitz, E. 15
Schmolke, M. 144
Schneider, F. 1o3
Schnur, P. 48
Schober 33
Schönberger, F. 2o7
Schönfelder, W. 96
Schörken, R. 2o7
Schorb, A.O. 13o,131,132,133,136,
Schrader 149 /137,138,2o7
Schrader, H. 127
Schrammel, D. 86
Schrick, G. 5,14
Schröder, H. 172,176
Schröder, K. 2o7
Schubert 15o
Schütz, M. 24
Schulte, H. 167
Schulte, Herbert 17o
Schultze, W. 63,71
Schulz-Linkholt, F. 2o7
Schupe, L. 151
Schusser, H. 139
Schuster, L. 44,51
Schwab, M. 2o7
Schwartz, E. 2o7
Schwarz, H. 39,176
Schweikert, K. 9o,91,97
Schweisfurth, H. 145
Sebbel, E. 2o4
Segerer, K. 133
Seidler 34
Seipp, W. 152
Sievert, P. 25
Simons, D. 151
Skakowski, U. 131
Skowronek, H. 2o4
Söderberg, B. 2o4
Solarova, S. 2o4
Sommer, K.H. 149
Sophia, M. 149
Spada, H. 1o9,115

Specht, W. 121
Spitzmüller, R. 87,88,92,98
Spöhring, G. 67,68
Spreckelsen, K. 2o5
Sprenger 15o
Springer, G. 2o5
Stapf, W. 159
Starke, M.-Th. 145,2o8
Staudinger 15o
Stecher, G. 131
Stegelmann, W. 1o
Stellberg, W. 2o8
Stempel, W.-D. 124
Steuer 34
Stich, S. 1o9
Stickelmann, B. 17o
Stoehr, I. 2o8
Stooß, F. 52
Stothfang, E. 149
Strubelt, A. 124
Stünzi, B. 1o3
Stumpf, H. 9o,99
Süßmuth, R. 2o5
Sund, M. 164
Sutter, H. 9o,1oo,1o1
Sutter, W. 9o,1oo

Tausch 35
Taylor, L.C. 2o9
Teichler, U. 25
Tessaring, M. 42,47,49
Thiem, H. 43
Thiersch, H. 2o9
Thomsen, W. 14
Tischler, L.C. 75
von Troschke, G. 126
von Trotha, K. 118
Tütken, H. 2o9
Tyczewski, Th. 116

Ungerer, A. 162

Väth-Szusdziara, R. 121
Valtin, R. 21o
Van den Bussche, R. 164
Vierdag, G. 6o
Vieten, R. 81
Vockerodt, H. 17o
Völker, E. 96
Völker, K. 96
Vogg, G. 14o,141
Vorkauf, H. 71
Vosberg, G. 1o1
Voss, G. 21o
Voswinkel, E. 17

Wagner, F. 72
Walser, M. 1o3
Walter, H. 211
Walter, J. 111
Walther, H. 127
Weber, G. 211
Wegener, B. 116
Wehrmann, E. 153
Weidler, E. 133
Weinert, F. 211
Weiß, M. 65
Weißhuhn, G. 4
von Weizsäcker, C.C. 9o,94,95,96,97,/1oo,1o1
Weller, W. 18
Weltner 152,171
Wendeler, J. 72
Weninger, J. 117
Wenzel, A. 211
Wenzel, U. 82
Werkhofer, K. 167
Werner, H. 211
Werner, R. 55
Westermann, R. 211
Westkamp, H. 82
Westphal, W. 111
Widdel, H. 169
Wienold, G. 146
Wiesner, H. 171
Willand, H. 125
Winterhager, D. 149
Winterhager, W.D. 5
Wölm, B. 95
Wolff, A. 152
Wudtke, H. 212
Wunberg, M. 123

Zech, Th. 67
Zehrfeld, K. 17o
Zeiher, Hartmut 1o
Zeiher, Helga 1o,25
Zeiske, W. 152
Zeyns, W. 79
Zifreund, W. 163,176
Zimmer J. 23
Zimmer J. 127,128
Zimmermann, O.L. 26
Zinnecker, J. 17o
Zöllner, U. 82

Supplement

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Deussen, P. 215
Gebauer 214
Gümbel 214
Gunzenhäuser, R. 215
Haug, R. 217
Hauke, H. 214
Helstin 218
Kerkhoff 215
Kleinschmidt 214
Lachenmaier 214
Neff 214
Ofenheimer 219
Osterland 219
Reichenbecher 216
Schlier, Chr. 215
Schmitz 218
Ueberall, L. 22o
Weiß, R.H. 216,217,218,219,22o
Würmlin, F. 217
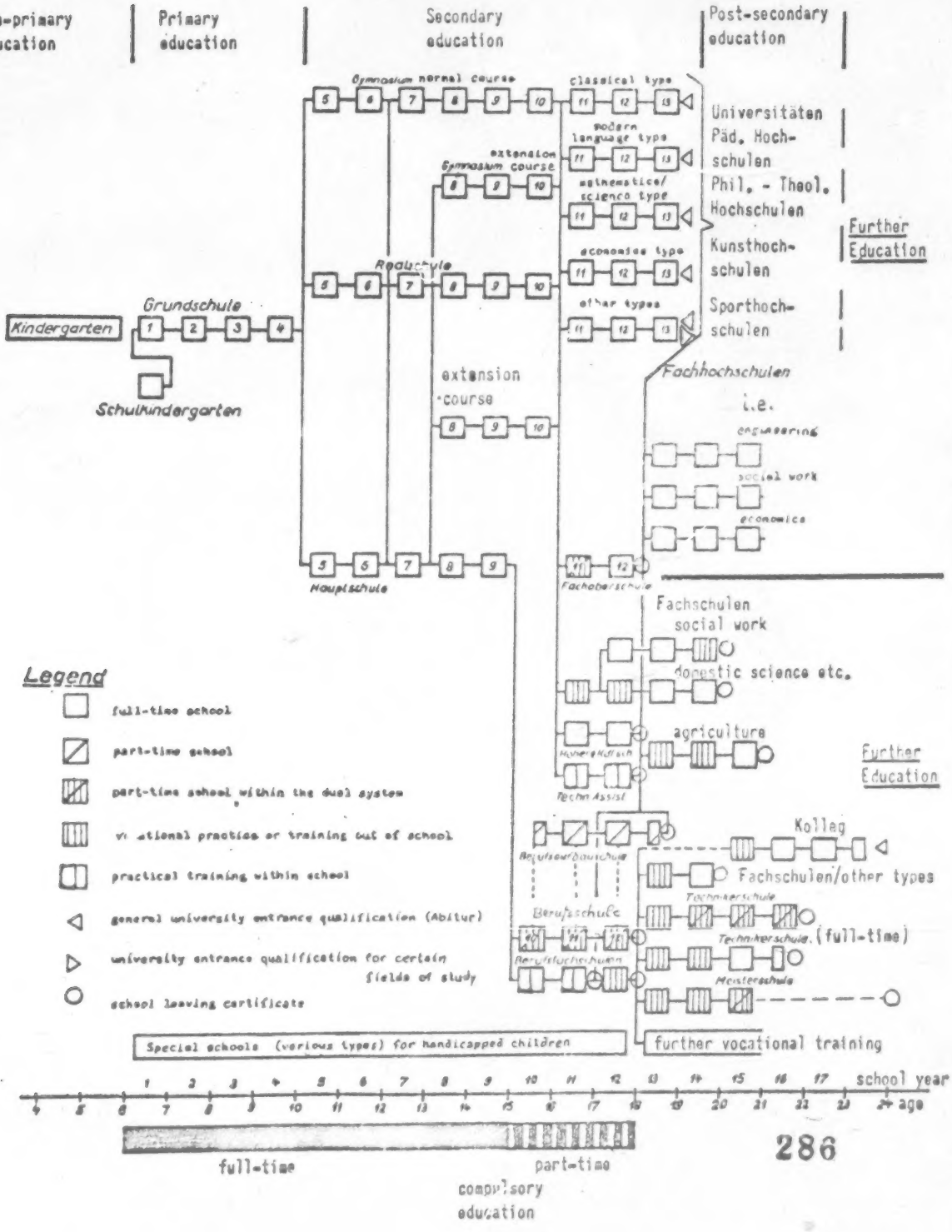
Diagram: Illustration of the Structure of the Educational System in the Federal Republic of Germany, 1972